

**MANUAL TÉCNICO  
TECHNICAL MANUAL**

**CATÁLOGO ILUSTRADO DE PEÇAS  
ILLUSTRATED PARTS BREAKDOWN**

**AVIÃO  
AIRCRAFT**

**T-27**

**EMB-312 TUCANO**

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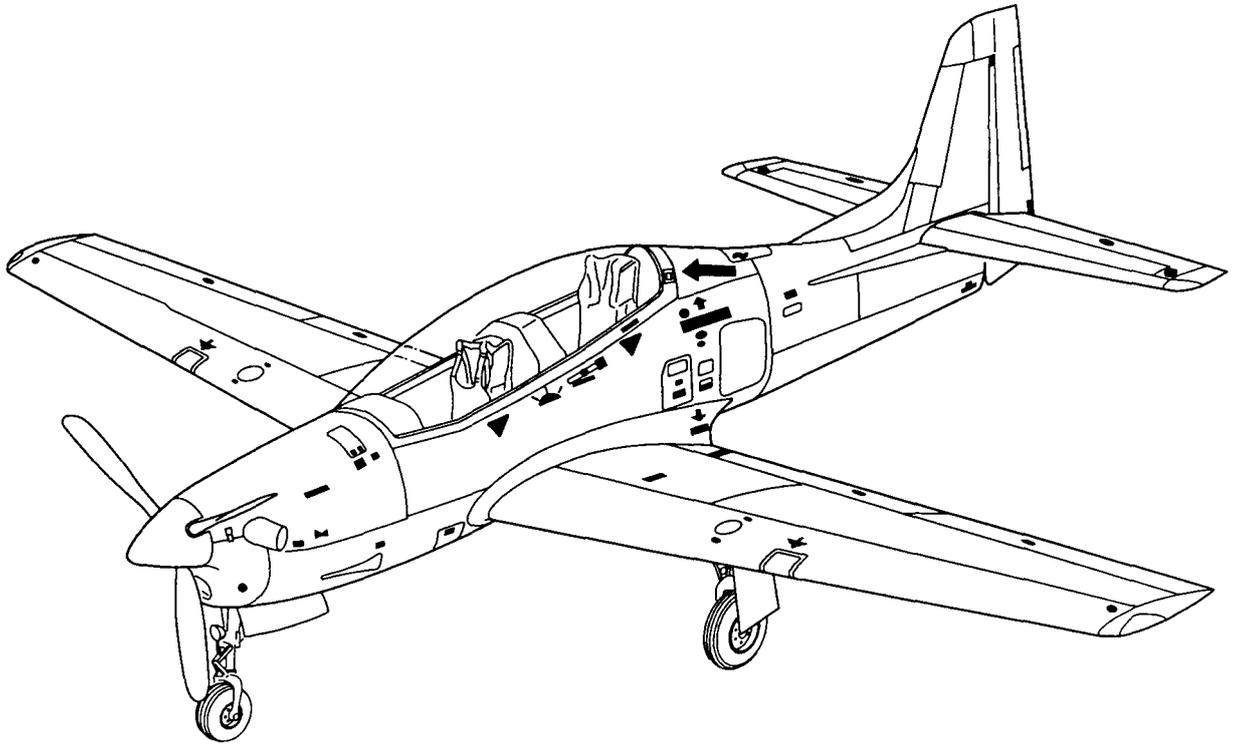
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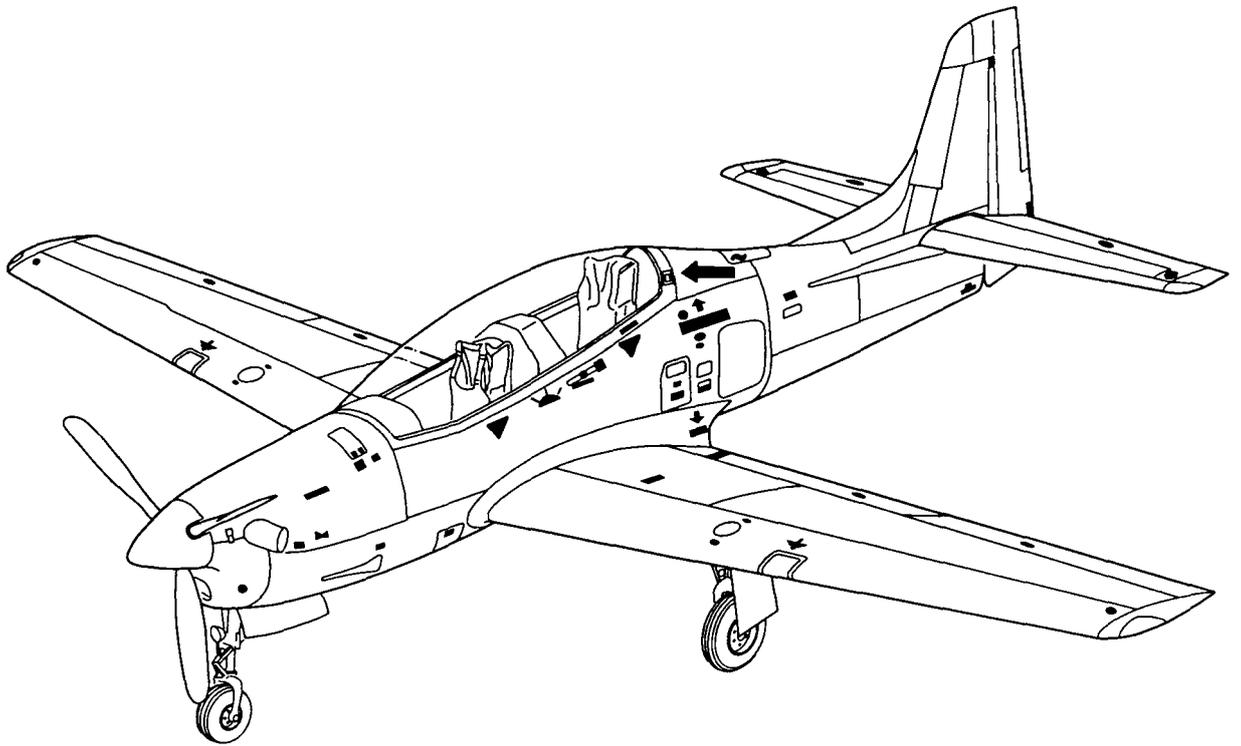
I  
**INTRODUÇÃO**  
**INTRODUCTION**



PARA INFORMAÇÕES RELATIVAS À SEÇÃO I “INTRODUÇÃO”  
CONSULTE A O.T. 1T27-4-1

FOR INFORMATION RELATING TO SECTION I “INTRODUCTION”  
*REFER TO O.T. 1T27-4-1*





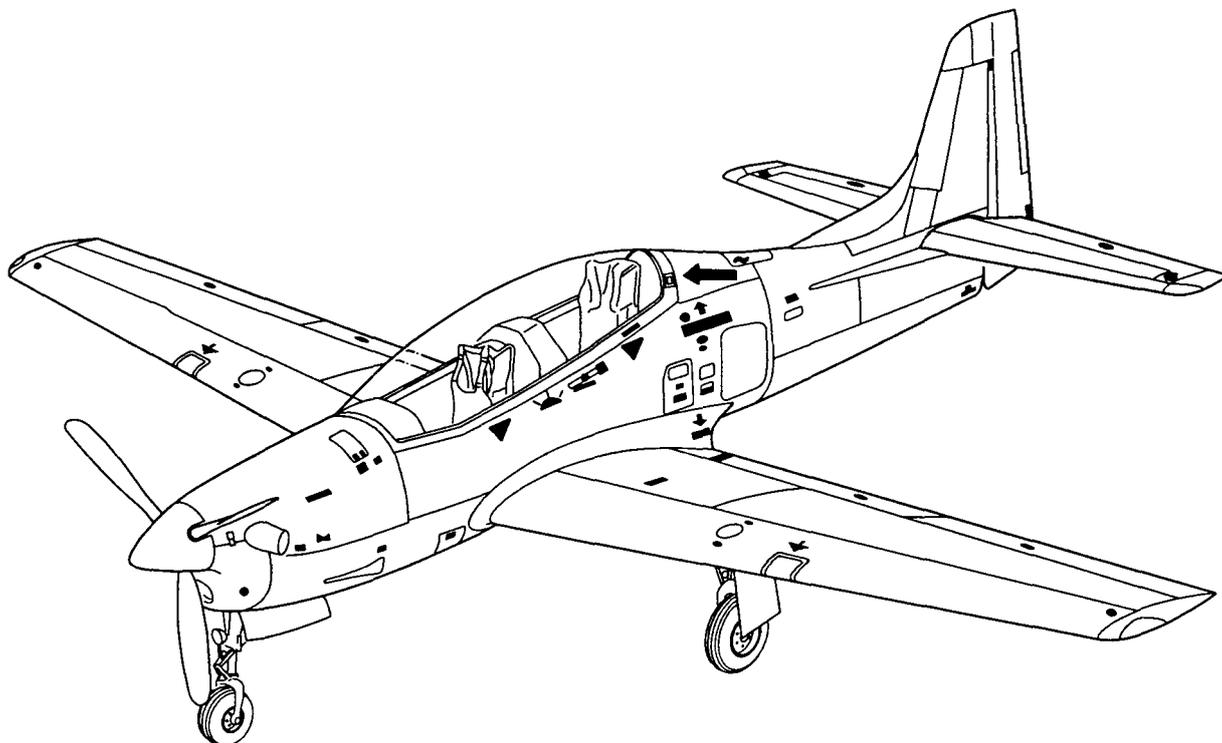
**II**  
**ÍNDICE NUMÉRICO**  
**NUMERICAL INDEX**



PARA INFORMAÇÕES RELATIVAS À SEÇÃO II "ÍNDICE NUMÉRICO",  
CONSULTE A O.T. 1T27-4-1

*FOR INFORMATION RELATING TO SECTION II "NUMERICAL INDEX"  
REFER TO O.T. 1T27-4-1*





**III**

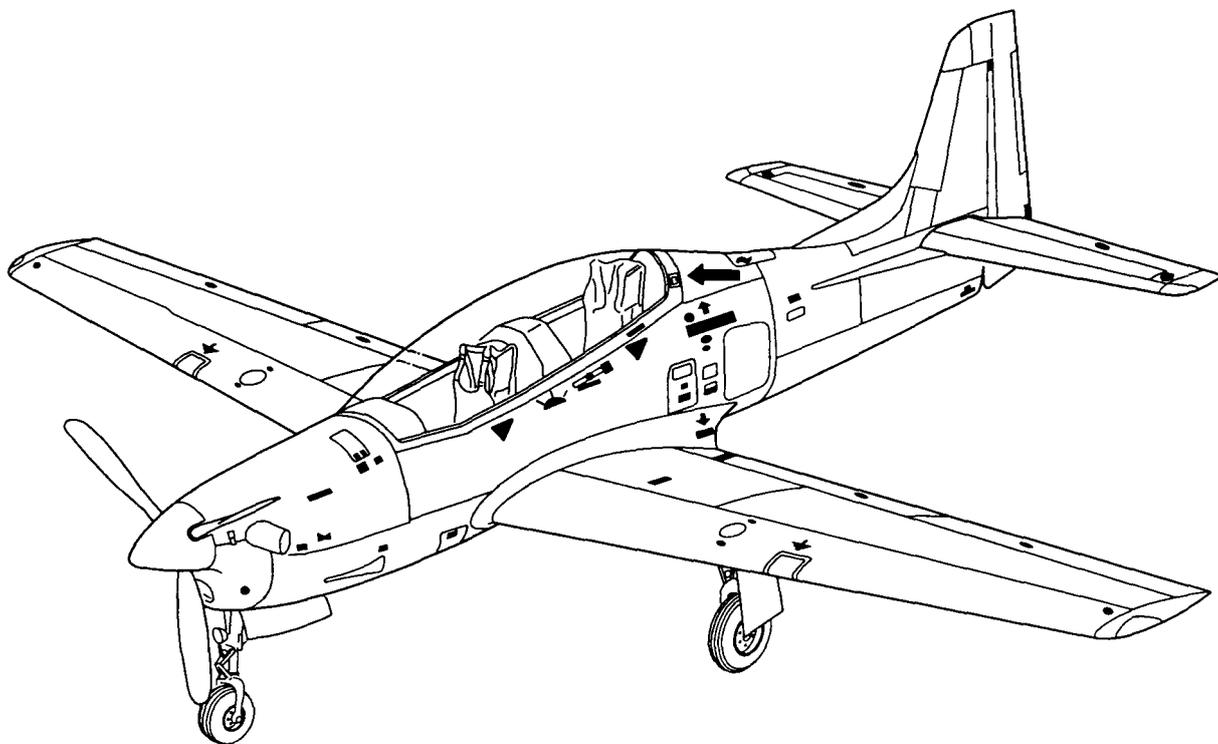
**ÍNDICE DE DESIGNAÇÃO  
DE REFERÊNCIA ELÉTRICA  
*ELECTRICAL REFERENCE  
DESIGNATION INDEX***



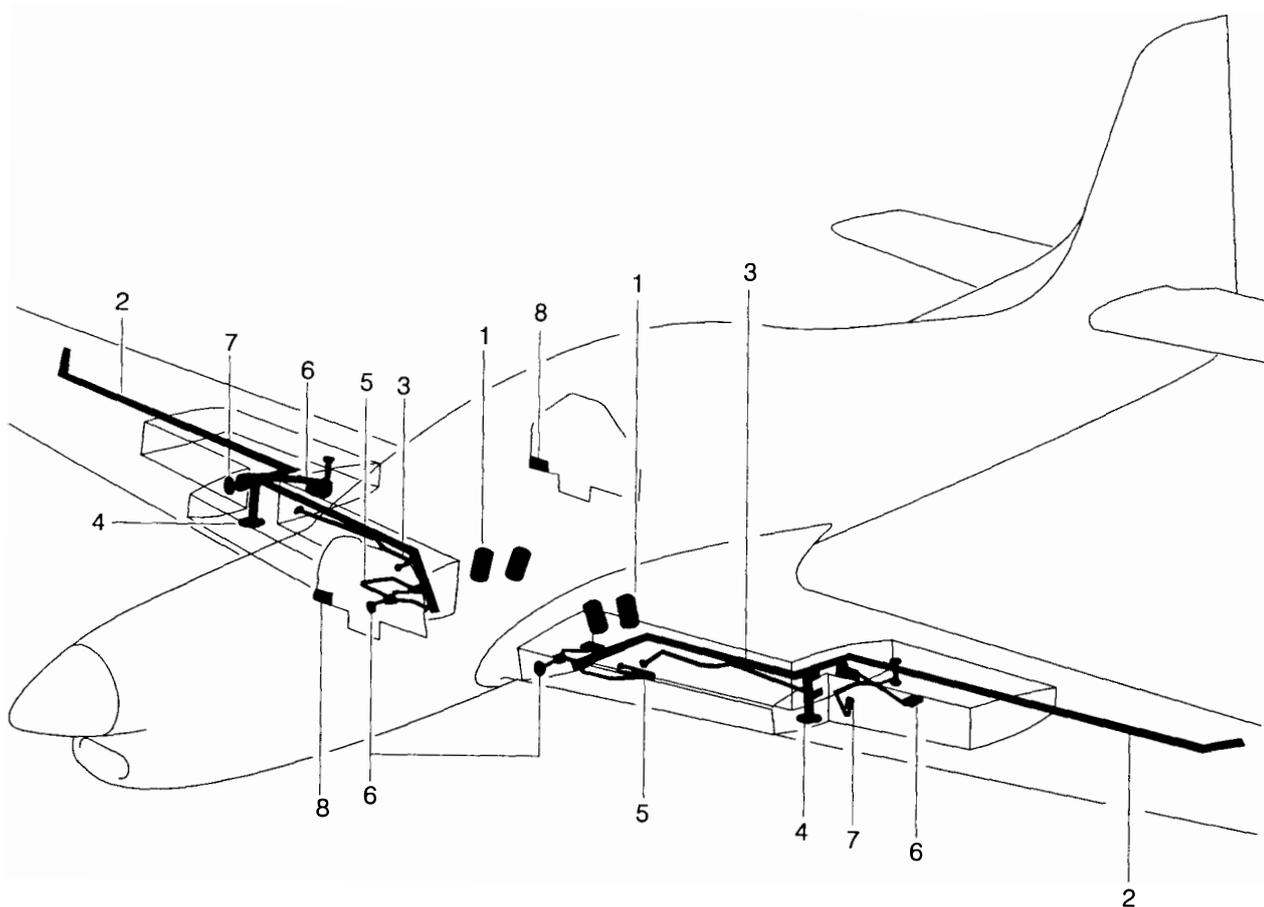
PARA INFORMAÇÕES RELATIVAS À SEÇÃO III "ÍNDICE DE DESIGNAÇÃO DE REFERÊNCIA ELÉTRICA" CONSULTE A O.T. 1T27-4-1

*FOR INFORMATION RELATING TO SECTION III "ELECTRICAL REFERENCE DESIGNATION INDEX" REFER TO O.T. 1T27-4-1*





**IV**  
**LISTA DE PEÇAS DE MANUTENÇÃO**  
***MAINTENANCE PARTS LIST***



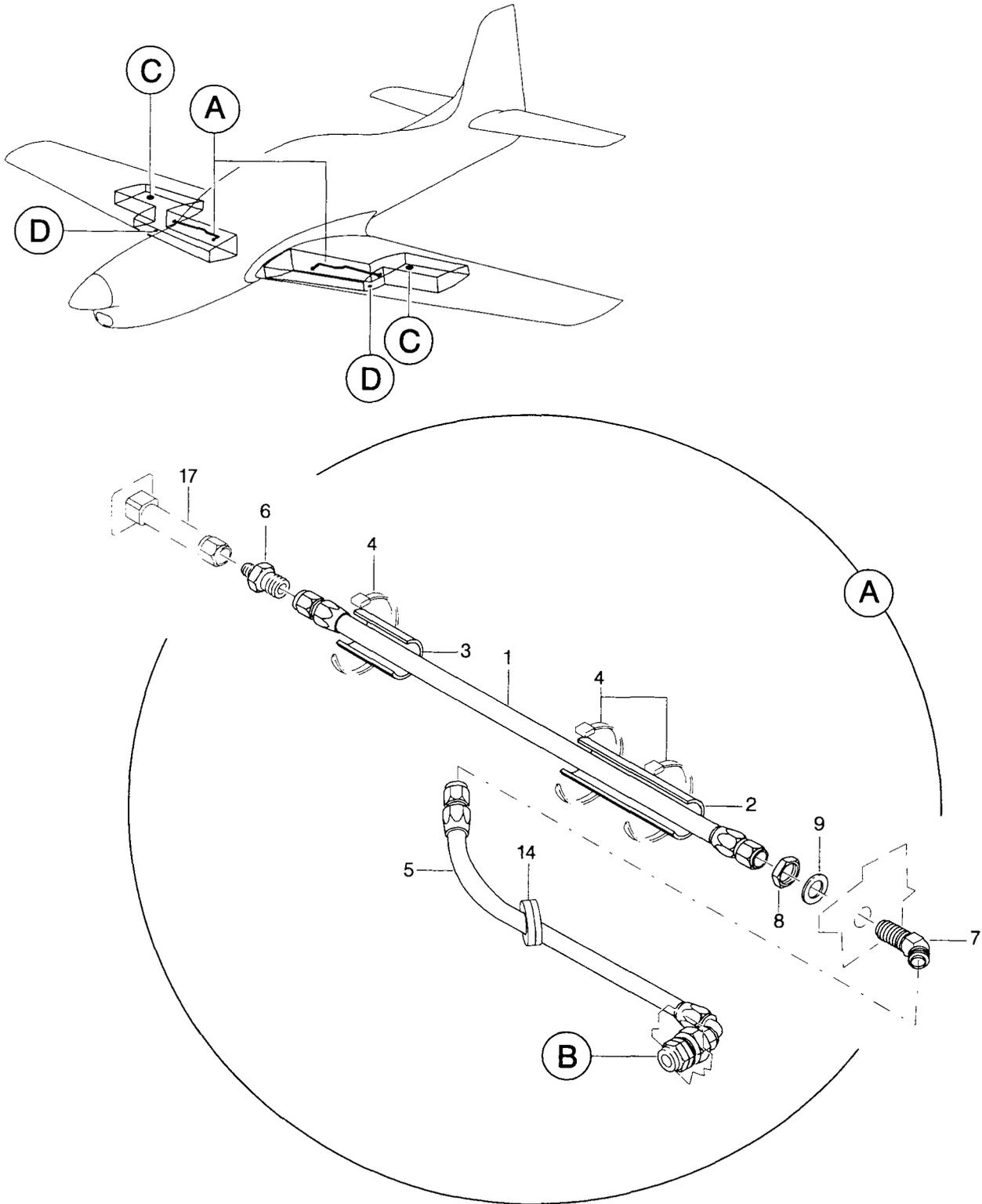
312 0428 0058

FIGURA 01. SISTEMA DE COMBUSTIVEL INSTL, ASAS  
FIGURE 01. FUEL SYSTEM INSTL, WINGS

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4-2

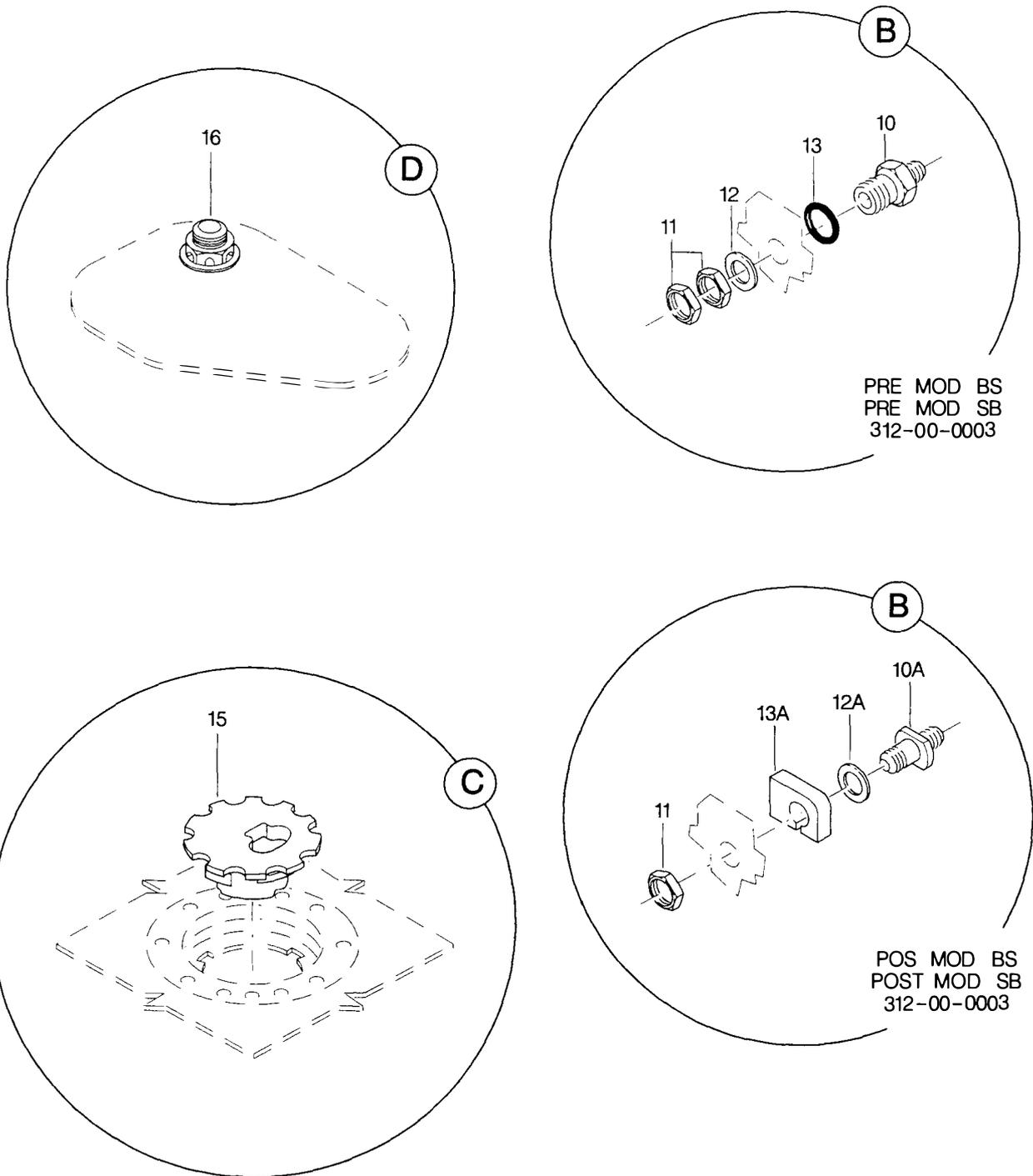
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE COMBUSTIVEL INSTL, ASAS..... FUEL SYSTEM INSTL, WINGS.....		REF		
1		.. SIST COMBUSTIVEL INSTL, ASAS ESQ/DIR (PARA DETALHES VEJA FIG 28-20-00-10)..... FUEL SYSTEM INSTL, LH & RH WINGS (FOR DETAILS SEE FIG 28-20-00-10).....		NOB		
2		.. SUSPIRO TANQUE DE COMBUSTIVEL INSTL (PARA D ETALHES VEJA FIG 28-10-02-03)..... FUEL TANK VENT SYSTEM INSTL (FOR DETAILS SEE FIG 28-10-02-03).....		NOB		
3		.. SISTEMA DE ARMAZENAMENTO DE COMBUSTIVEL INS TL (PARA DETALHES VEJA FIG 28-10-00-01)..... FUEL STORAGE SYSTEM INSTL (FOR DETAILS SEE FI G 28-10-00-01).....		NOB		
4		.. SIST DE MEDICAO DE COMBUSTIVEL INSTL (PARA DETALHES VEJA FIG 28-40-01-01)..... DIPSTICK INDICATING SYSTEM INSTL (FOR DETAILS SEE FIG 28-40-01-01).....		NOB		
5		.. TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS (P ARA DETALHES VEJA FIG 28-10-01-01)..... FUEL TRANSFER SYSTEM INSTL, WINGS (FOR DETAIL S SEE FIG 28-10-01-01).....		NOB	A	
		.. TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS (P ARA DETALHES VEJA FIG 28-10-01-03)..... FUEL TRANSFER SYSTEM INSTL, WINGS (FOR DETAIL S SEE FIG 28-10-01-03).....		NOB	B	
6		.. INDICACAO DE QUANTIDADE DE COMBUSTIVEL INST L, ASAS (PARA DETALHES VEJA FIG 28-40-00-01)..... FUEL QUANTITY INDICATING SYSTEM INSTL, WINGS (FOR DETAILS SEE FIG 28-40-00-01).....		NOB		
7		.. TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASAS (PARA DETALHES VEJA FIG 28-10-01- 02)..... FUEL TRANSFER SYSTEM INSTL, PYLON-TO-WING TAN K (FOR DETAILS SEE FIG 28-10-01-02).....		NOB		
8		.. INDICACAO DE TRANSFERENCIA DE COMBUSTIVEL I NSTL, TANQUE SUBALAR/ASAS (PARA DETALHES VEJA FIG 28-40-00-05)..... FUEL TRANSFER INDICATING SYSTEM INSTL, PYLON- TO-WING TANK (FOR DETAILS SEE FIG 28-40-00-05) .....		NOB		
<p>EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312144 (PRE MOD BS 312-028-0007) A AIRCRAFT 312006 THRU 312144 (PREMOD SB 312-028-0007) B AVIOES 312006 A 312144 (POS MOD BS 312-028-0007), 312 145 E SEGUINTEs B AIRCRAFT 312006 THRU 312144 (POST MOD SB 312-028-0007 , 312145 AND ON</p>						



312 0428 0066

FIGURA 01. SISTEMA DE ARMAZENAMENTO DE COMBUSTIVEL INSTL (FOLHA 1 DE 2)  
FIGURE 01. FUEL STORAGE SYSTEM INSTL (SHEET 1 OF 2)

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312 0428 0067

FIGURA 01. SISTEMA DE ARMAZENAMENTO DE COMBUSTIVEL INSTL (FOLHA 2 DE 2)  
FIGURE 01. FUEL STORAGE SYSTEM INSTL (SHEET 2 OF 2)

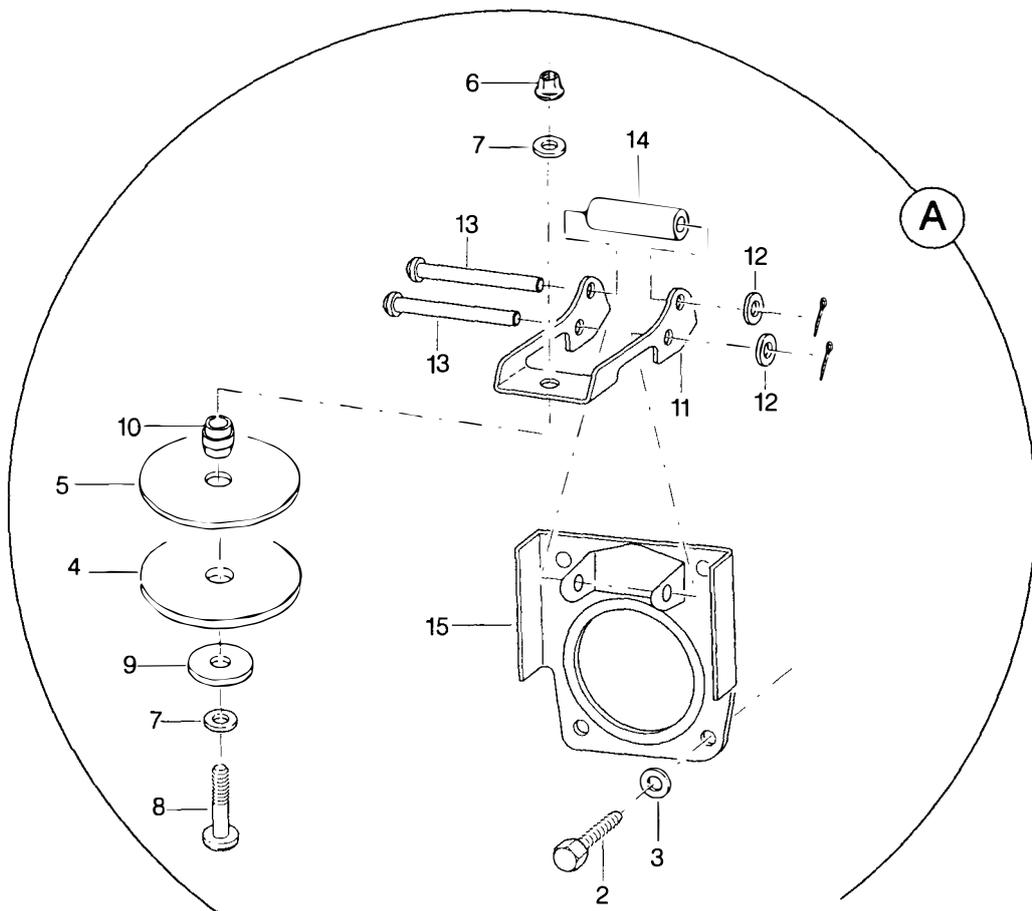
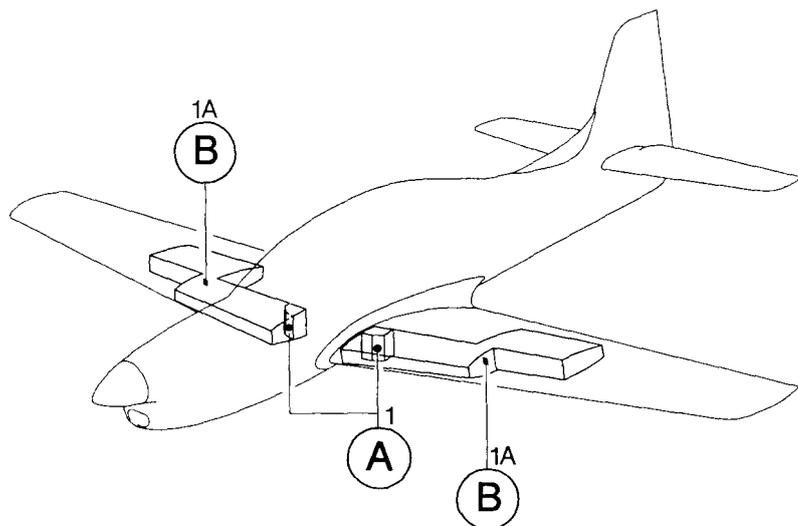
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE ARMAZENAMENTO DE COMBUSTIVEL INSTL FUEL STORAGE SYSTEM INSTL.....		REF		
1	312-03940-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	2		
2	312-01710-005	.PROTECAO..... PROTECTION HOSE.....	S4956	2		
3	312-01710-003	.PROTECAO..... PROTECTION HOSE.....	S4956	2		
4	MS3367-1-9	.FITA DE FIXACAO (PF)..... STRAP, TIEDOWN (AP).....	96906	6		
5	312-02848-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	2		
6	AN815-8D	.UNIAO..... UNION.....	96906	2		
7	AN837-8D	.CONEXAO 45 GRAUS..... ELBOW, 45-DEGREE.....	96906	2		
8	AN924-8D	.PORCA (PF)..... NUT (AP).....	88044	2		
9	AN960-1216	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
10	111A-746-23-01-09	.UNIAO (PRE MOD BS 312-00-0003)..... UNION (PRE MOD SB 312-00-0003).....	S4956	2		
10 A	312-11505-001	.UNIAO..... UNION.....	S4956	2	A	
11	AN924-8D	.PORCA (PRE MOD BS 312-00-0003) (PF)..... NUT (PRE MOD SB 312-00-0003) (AP).....	88044	4		
	AN924-8D	.PORCA (PF)..... NUT (AP).....	88044	2	A	
12	AN960-1216	.ARRUELA (PRE MOD BS 312-00-0003) (PF)..... WASHER (PRE MOD SB 312-00-0003) (AP).....	88044	2		
12 A	AN960-1216L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2	A	
13	MS29512-12	.ANEL DE VEDACAO (PRE MOD BS 312-00-0003)..... RING, 'O' (PRE MOD SB 312-00-0003).....	96906	2		
13 A	312-15071-001	.CALCO..... SHIM.....	S4956	2	A	
14	MS35489-23	.ILHOS..... GROMMET,RUBBER.....	S4956	2		
15	457-370-6	.TAMPA DO TANQUE..... CAP, FILLER.....	99321	2	006224	
	457-1015-6	.TAMPA DO TANQUE..... CAP, FILLER.....	99321	2	225999	
16	PE41078-12	.VALVULA DE DRENO (PRE MOD BI 312-028-0002)..... VALVE, DRAIN (PRE MOD IB 312-028-0002).....	S4956	2		
	DI-1233-14-OL MOD.A	.VALVULA (POS MOD BI 312-028-0002) (PARA DETAL HES VEJA PUBLICACAO OH-IPL 28-10-01)..... VALVE,DRAIN (POST MOD IB 312-028-0002) (FOR D ETAILS SEE PUBLICATION OH-IPL 28-10-01).....	S4956	2		
17		.ACESSORIOS DE FIXACAO INSTL, ASA (VEJA CAP 5 7)..... WING ATTACHMENT FITTINGS INSTL (SEE CHAPTER 57 ).  EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312195, 312393 THRU 312395, 312398 312093, 312097, 312100, 312145, 312176, 312184, 3121 9, 312195, 312393 A 312395, 312398 (POS MOD BS 312-00-0003)		REF		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<p>A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395, 312398 (POST MOD SB 312-00-0003)</p>				

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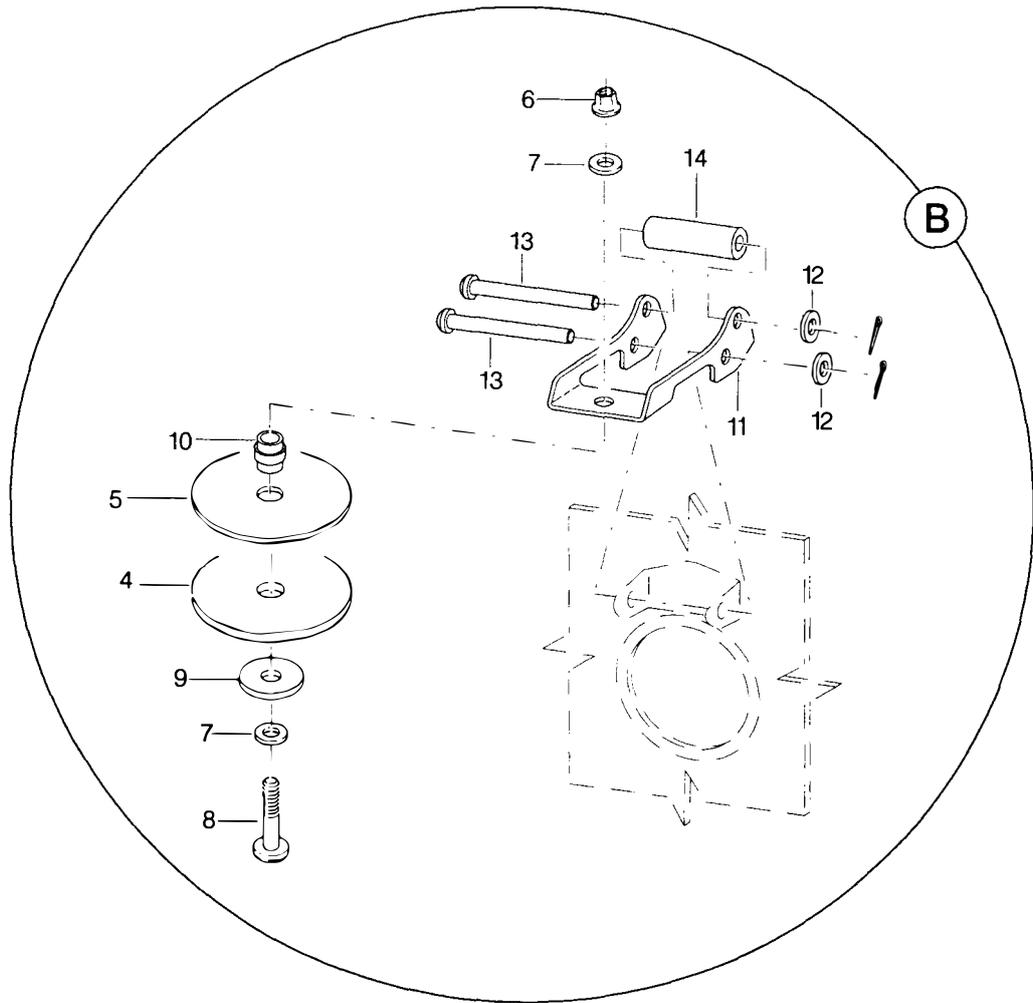


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FIGURA 05. VALVULA DO FLAPE INSTL (FOLHA 1 DE 2)  
FIGURE 05. FLAP VALVE INSTL (SHEET 1 OF 2)

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312 0428 0069

FIGURA 05. VALVULA DO FLAPE INSTL (FOLHA 2 DE 2)  
FIGURE 05. FLAP VALVE INSTL (SHEET 2 OF 2)

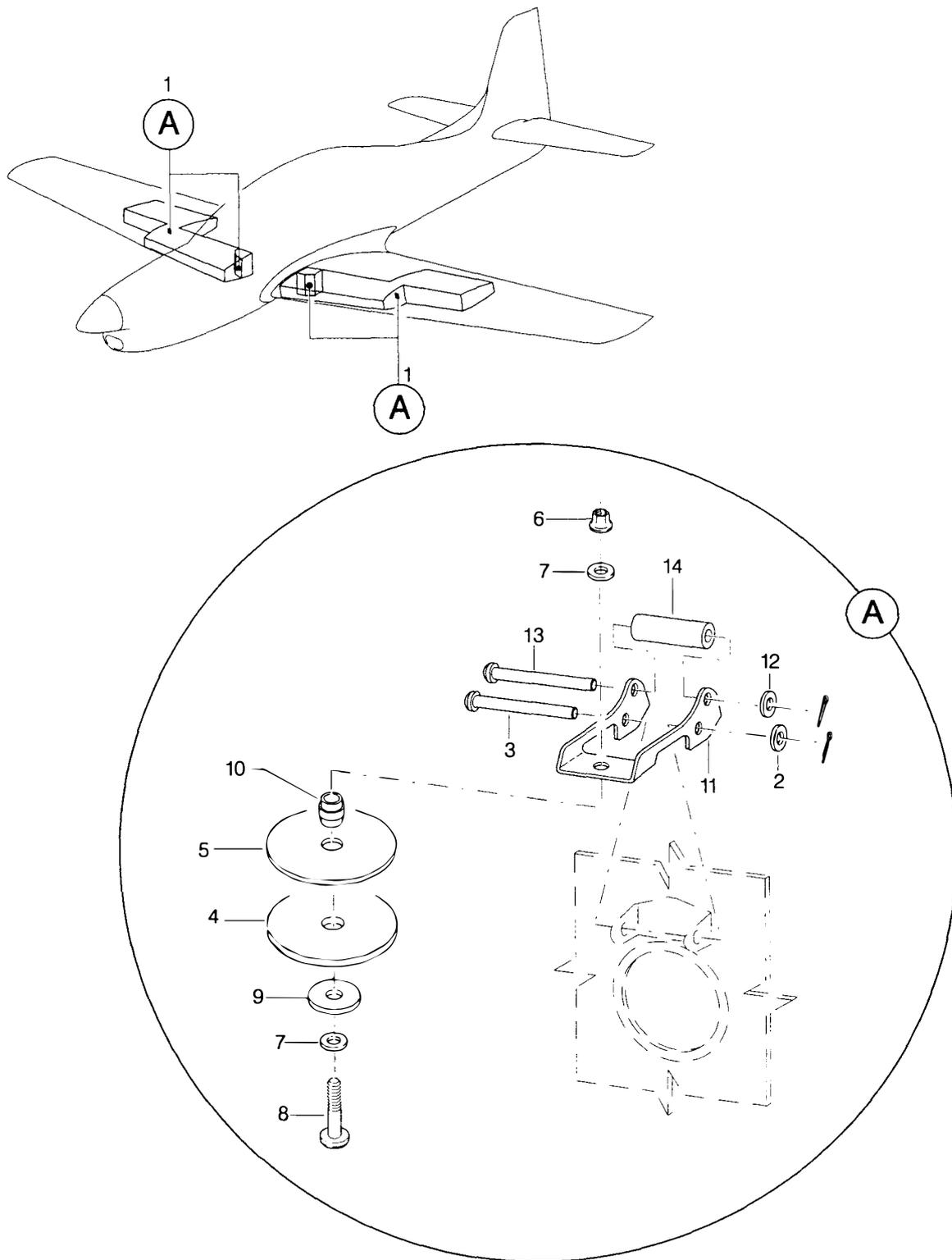
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		VALVULA DO FLAPE INSTL..... FLAP VALVE INSTL.....		REF	006144	
1	312-12716-001	.VALVULA DO FLAPE CONJ..... VALVE ASSY, FLAP.....	S4956	2		
1 A	312-12716-503	.VALVULA DO FLAPE CONJ..... VALVE ASSY, FLAP.....	S4956	2		
2	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
3	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	4		
4	312-12710-001	.DIAFRAGMA (POS MOD BS 312-028-0008)..... DIAPHRAGM (POST MOD SB 312-028-0008).....	S4956	1		
	312-06662-001	.DIAFRAGMA (PRE MOD BS 312-028-0008)..... DIAPHRAGM (PRE MOD SB 312-028-0008).....	S4956	1		
5	312-06654-001	.DISCO..... DISC.....	S4956	1		
6	PE22005-06S	.PORCA (PF)..... NUT (AP).....	S4956	1		
7	AN960-C6	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
8	MS51957-31	.PARAFUSO (PF)..... SCREW (AP).....	96906	1		
9	312-06655-001	.ARRUELA..... WASHER.....	S4956	1		
10	312-06656-001	.BUCHA..... BUSHING.....	S4956	1		
11	312-06652-001	.BRACO..... ARM.....	S4956	1		
	MS24665-132	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
12	AN960-C6	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
13	MS20392-2C45	.PINO LISO, CAB CHATA, FURO CTP, ACO (PF)..... PIN, HEADED STRAIGHT (AP).....	96906	2		
14	312-06657-001	.CONTRA PESO..... COUNTERWEIGHT.....	S4956	1		
15	312-06651-001	.SUPORTE..... SUPPORT.....	S4956	1		

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4-10





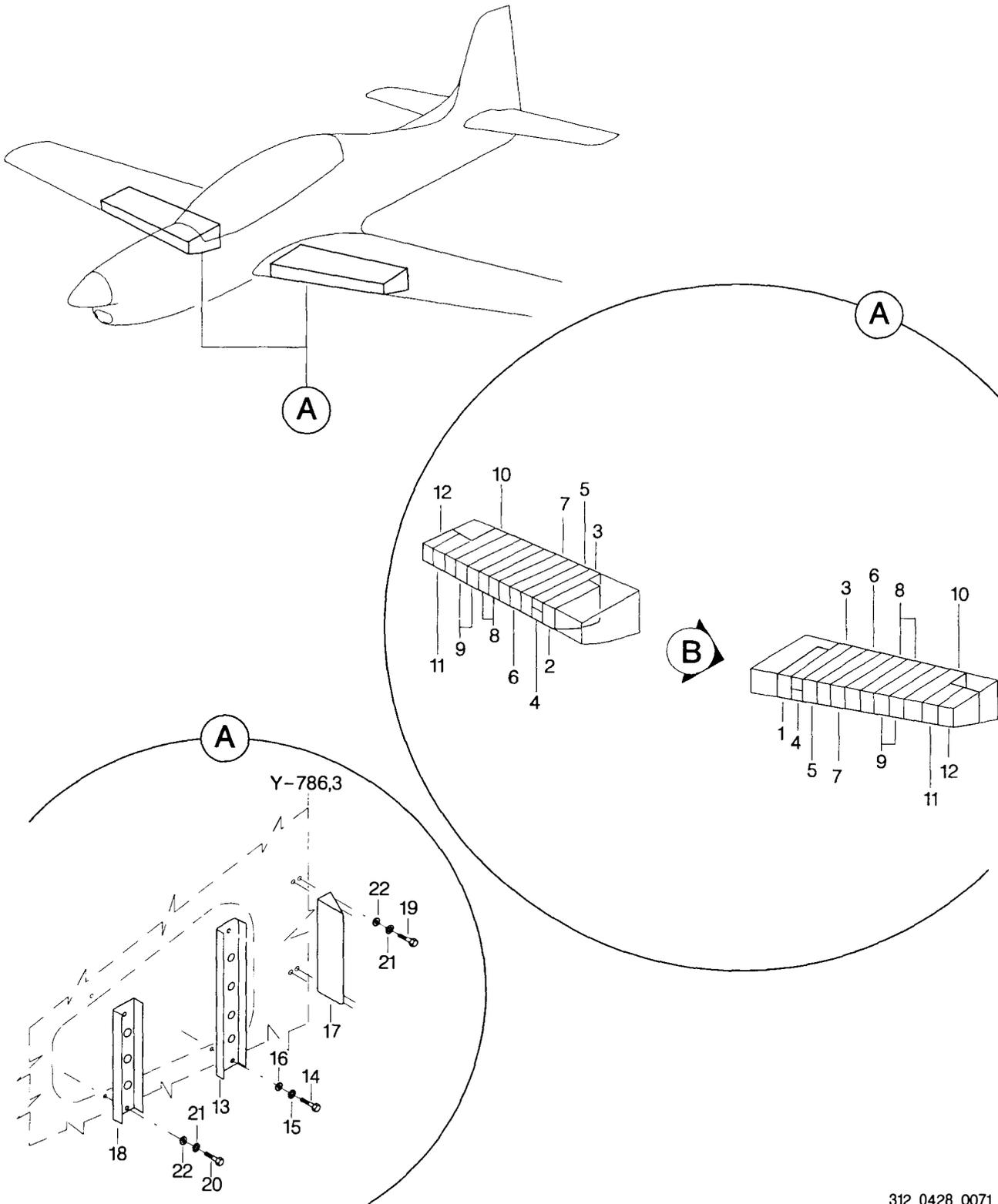
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FIGURA 06. VALVULA DO FLAPE INSTL  
FIGURE 06. FLAP VALVE INSTL

**28-10-00**

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
06		VALVULA DO FLAPE INSTL .....		REF	145999	
		FLAP VALVE INSTL .....				
1	312-11319-001	.VALVULA FLAPE, CONJ (INTERC SENTIDO DUPLO COM P/ N 314-15641-401) .....	001JK	4		
		VALVE ASSY, FLAP (TWO-WAY INTERCHANGEABLE WITH P/N 312-15641-401).....				
	314-15641-401	.VALVULA FLAPE,CONJ .....	001JK	4		
		VALVE ASSY, FLAP.....				
	MS24665-132	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
2	AN960-C6	.ARRUELA PLANA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
3	MS20392-2C45	.PINO LISO,CAB CHATA,FURO CTP,ACO (PF) .....	96906	1		
		PIN, HEADED STRAIGHT (AP).....				
4	312-12710-001	..DIAFRAGMA .....	001JK	1		
		DIAPHRAGM.....				
5	312-06654-001	..DISCO .....	001JK	1		
		DISC .....				
6	PE22005-06S	..PORCA (PF) .....	001JK	1		
		NUT (AP) .....				
7	AN960-C6	..ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
8	MS51957-31	..PARAFUSO (PF) .....	96906	1		
		SCREW (AP) .....				
9	312-06655-001	..ARRUELA .....	001JK	1		
		WASHER .....				
10	312-06656-001	..BUCHA .....	001JK	1		
		BUSHING .....				
11	312-06652-001	..BRACO .....	001JK	1		
		ARM.....				
	MS24665-132	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
12	NAS1149CN632R	..ARRUELA PLANA (PF) (OPCIONAL P/N AN960-C6) .....	80205	1		
		WASHER, FLAT (AP) (OPTIONAL P/N AN960-C6).....				
13	MS20392-2C45	..PINO LISO,CAB CHATA,FURO CTP,ACO (PF) .....	96906	1		
		PIN, HEADED STRAIGHT (AP).....				
14	312-06657-001	..CONTRA PESO .....	001JK	1		
		COUNTERWEIGHT .....				



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FIGURA 10. ESPUMAS INSTL, TANQUE  
FIGURE 10. FOAM INSTL, TANK

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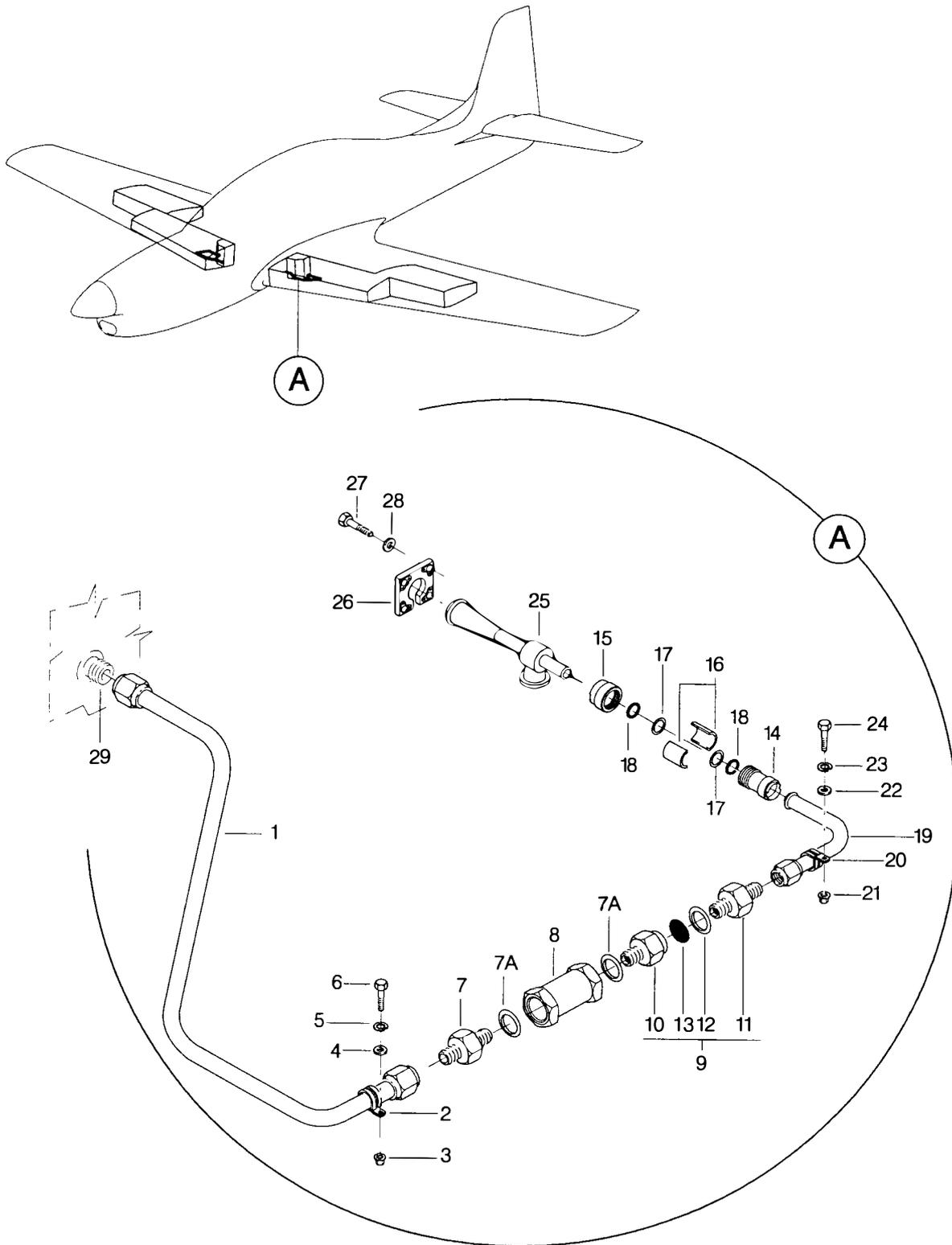
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		ESPUMAS INSTL, TANQUE..... FOAM INSTL, TANK.....		REF		
1	312-07231-001	ESPUMA A (ALTERNATIVA USE PN 312-07231-501)..... FOAM A (ALTERNATIVE USE PN 312-07231-501).....	S4956	1	006196	
	312-07231-501	ESPUMA A..... FOAM A.....	S4956	1	197999	
2	312-07231-002	ESPUMA A (ALTERNATIVA USE PN 312-07231-502)..... FOAM A (ALTERNATIVE USE PN 312-07231-502).....	S4956	1	006196	
	312-07231-502	ESPUMA A..... FOAM A.....	S4956	1	197999	
3	312-07317-001	ESPUMA B (ALTERNATIVA USE PN 312-07317-501)..... FOAM B (ALTERNATIVE USE PN 312-07317-501).....	S4956	2	006196	
	312-07317-501	ESPUMA B..... FOAM B.....	S4956	2	197999	
4	312-07926-001	ESPUMA B (ALTERNATIVA USE PN 312-07926-501)..... FOAM B (ALTERNATIVE USE PN 312-07926-501).....	S4956	2	006196	
	312-07926-501	ESPUMA B..... FOAM B.....	S4956	2	197999	
5	312-07345-001	ESPUMA C (ALTERNATIVA USE PN 312-07345-501)..... FOAM C (ALTERNATIVE USE PN 312-07345-501).....	S4956	2	006196	
	312-07345-501	ESPUMA C..... FOAM C.....	S4956	2	197999	
6	312-07346-001	ESPUMA D (ALTERNATIVA USE PN 312-07346-501)..... FOAM D (ALTERNATIVE USE PN 312-07346-501).....	S4956	2	006196	
	312-07346-501	ESPUMA D..... FOAM D.....	S4956	2	197999	
7	312-07347-001	ESPUMA E (ALTERNATIVA USE PN 312-07347-501)..... FOAM E (ALTERNATIVE USE PN 312-07347-501).....	S4956	2	006196	
	312-07347-501	ESPUMA E..... FOAM E.....	S4956	2	197999	
8	312-07349-001	ESPUMA G (ALTERNATIVA USE PN 312-07349-501)..... FOAM G (ALTERNATIVE USE PN 312-07349-501).....	S4956	4	006196	
	312-07349-501	ESPUMA G..... FOAM G.....	S4956	4	197999	
9	312-07350-001	ESPUMA H (ALTERNATIVA USE PN 312-07350-501)..... FOAM H (ALTERNATIVE USE PN 312-07350-501).....	S4956	4	006196	
	312-07350-501	ESPUMA H..... FOAM H.....	S4956	4	197999	
10	312-07352-001	ESPUMA J (ALTERNATIVA USE PN 312-07352-501)..... FOAM J (ALTERNATIVE USE PN 312-07352-501).....	S4956	2	006196	
	312-07352-501	ESPUMA J..... FOAM J.....	S4956	2	197999	
11	312-07353-001	ESPUMA K (ALTERNATIVA USE PN 312-07353-501)..... FOAM K (ALTERNATIVE USE PN 312-07353-501).....	S4956	2	006196	
	312-07353-501	ESPUMA K..... FOAM K.....	S4956	2	197999	
12	312-07354-001	ESPUMA L (ALTERNATIVA USE PN 312-07354-501)..... FOAM L (ALTERNATIVE USE PN 312-07354-501).....	S4956	2	006196	
	312-07354-501	ESPUMA L..... FOAM L.....	S4956	2	197999	
13	312-04019-001	PERFIL U..... PROFILE "U".....	S4956	1		
14	AN3-3A	PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	MS35338-43	ARRUELA (PF)..... WASHER (AP).....		2		
16	AN960-10	ARRUELA PLANA (PF)..... WASHER FLAT (AP).....	88044	2		
17	312-12797-001	PARAFUSO..... SCREEN.....	S4956	1	A	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10						
18	312-12798-001	.PROFILE "U"..... PROFILE "U".....	S4956	1	A	
19	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4	A	
20	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2	A	
21	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		6	A	
22	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	6		
EFETIVIDADES USAGE CODE LIST A AVIOES 312005 A 312184 (POS MOD BS 312-028-0011), 312185 E SEGUINTEs A AIRCRAFT 312005 THRU 312184 (POST MOD SB 312-028-0011 ), 312185 AND ON						

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FIGURA 01. TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS  
FIGURE 01. FUEL TRANSFER SYSTEM INSTL, WINGS

**28-10-01**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS..... FUEL TRANSFER SYSTEM INSTL, WINGS.....		REF	A	
1	312-07939-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-07940-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-04168-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	1		
2	PE27019RC8	.BRACADEIRA..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
3	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
4	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
5	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
6	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
7	MS24392D8	.UNIAO..... UNION.....	96906	1		
7 A	MS29512-08	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
8	MS28882A-8	.VALVULA UNIDIRECIONAL..... VALVE, FUEL CHECK.....	96906	1		
9	312-06077-001	.FILTRO CONJ..... FILTER ASSY.....	S4956	1	006092	
	312-06077-501	.FILTRO CONJ..... FILTER ASSY.....	S4956	1	093144	
10	312-06079-001	.CARCACA..... BODY.....	S4956	1		
11	312-06078-001	.REDUTOR..... REDUCER.....	S4956	1	006092	
	312-12606-001	.REDUTOR..... REDUCER.....	S4956	1	093144	
12	MS29513-016	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1	006092	
	MS29512-08	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1	093144	
13	312-06077-003	.FILTRO..... FILTER.....		1	006092	
	312-12451-001	.FILTRO..... FILTER.....	S4956	1	093144	
14	2608L89G6-1	.CORPO..... BODY.....	S4956	1		
15	2608L89G6-03	.PORCA..... NUT.....	S4956	1		
16	2608L89G6-24	.LUVA..... SLEEVE.....	S4956	2		
17	MS29513-110	.ANEL VEDACAO..... RING, 'O'.....	96906	2		
18	3659-6-9	.ARRUELA..... WASHER.....	S4956	2		
19	312-07941-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-07942-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
20	PE27019RC6	.BRACADEIRA..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
21	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		

28-10-01

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
22	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
23	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
24	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
25	60103	BOMBA..... PUMP, FUEL JET.....	86090	1		
26	312-07164-001	.FLANGE CONJ..... FLANGE ASSY.....	S4956	1		
27	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
28	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	4		
29		. SIST DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (VEJ A FIG 28-20-00-10)..... FUEL SYSTEM INSTL, LH & RH WINGS (SEE FIG 28-2 0-00-10).....  EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312144 (PRE MOD BS 312-028-0007) A AIRCRAFT 312006 THRU 312144 (PRE MOD SB 312-028-0007)		REF		

28-10-01

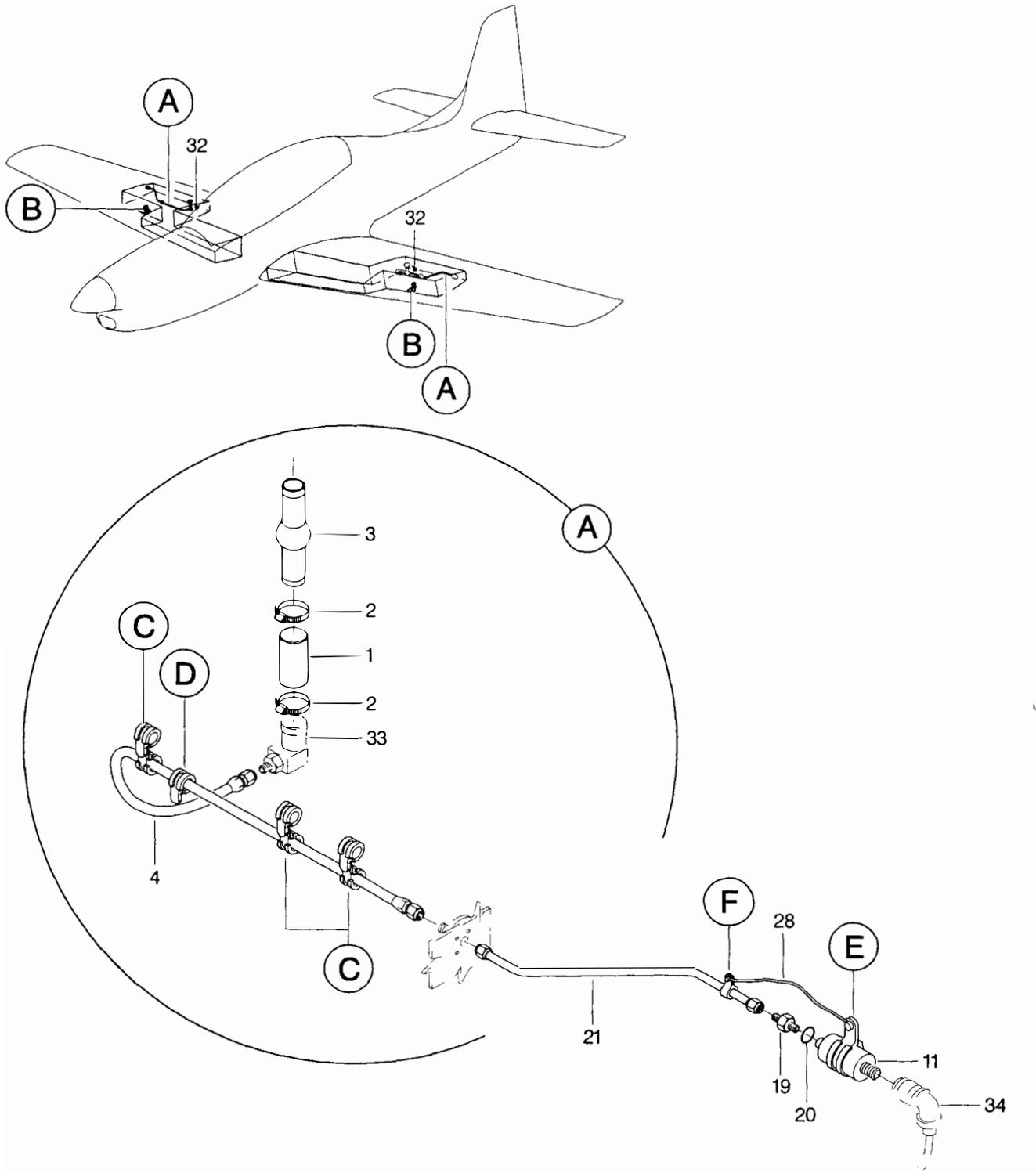




FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASAS .....		REF		
		FUEL TRANSFER SYSTEM INSTL, PYLON-TO-WING TANK .				
1	312-06415-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
2	312-07218-001	.TUBO CONJ .....	001JK	1		
		HOSE ASSY .....				
	312-07219-001	.TUBO CONJ .....	001JK	1		
		HOSE ASSY .....				
3	AN832-4D	.UNIAO .....	88044	1		
		UNION, FLARED TUBE, ALUMINUM .....				
4	AN6289D4	.PORCA (PF) .....	88044	1		
		NUT (AP) .....				
5	AN960-716L	.ARRUELA PLANA, ACO (PF) .....	88044	1		
		WASHER (AP) .....				
6	MS29512-04	.ANEL DE VEDACAO (PF) .....	96906	1		
		O'RING (AP) .....				
7	AN815-4D	.CONEXAO UNIAO .....	96906	1		
		UNION, TUBE, PRECISION TYPE, AL .....				
8	MS29512-04	.ANEL DE VEDACAO .....	96906	1		
		O'RING .....				
9	6607AH41	.CONTACTOR (S130, S131) .....	02750	1		
		PRESSURE SWITCH (S 130, S131) .....				
10	AN737TW56	.BRACADEIRA (PF) .....	001JK	1		
		CLAMP (AP) .....				
11	312-06490-001	.SUPORTE CONJ .....	001JK	1		
		SUPPORT ASSY .....				
12	MS35206-244	.PARAFUSO CABECA ABAULADA (PF) .....	96906	1		
		SCREW, TRUSS HEAD (AP) .....				
13	MS35206-246	.PARAFUSO (PF) .....	96906	1		
		SCREW (AP) .....				
14	PE42011-3	.MANGUEIRA (PARA TROCA USE P/N 312-30054-001) HOSE, NBR RUB REINF FAB 1IN (FOR REPLACEMENT USE P/N 312-30054-001) .....	001JK	NP	006224	
	312-06329-003	.MANGUEIRA (PARA TROCA USE P/N 312-30054-001) (PRE-MOD 312-28-0021) .....	001JK	NP	225999	
		HOSE (FOR REPLACEMENT USE P/N 312-30054-001) (PRE-MOD 312-28-0021) .....				
	312-30054-001	.MANGUEIRA -TANQUE DE COMBUSTIVEL (POS-MOD 312-28-0021) .....	001JK	1	C	
		HOSE-FUEL TANK (POST-MOD 312-28-0021) .....				
15	PE27021-2538	.BRACADEIRA AJUSTAVEL (PF) .....	001JK	2		
		CLAMP (AP) .....				
16	9807100-1	.VALVULA .....	U1918	1		
		VAL VE, CHECK .....				
17	312-04168-001	.INSCRICAO TECNICA .....	001JK	1		
		PLACARD .....				
18	312-07938-001	.TUBO CONJ (PRE MOD BS 312-028-0017) .....	001JK	1	006335	
		TUBE ASSY (PRE MOD SB 312-028-0017) .....				
	312-16007-001	.TUBO CONJ .....	001JK	1	B	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		<i>TUBE ASSY</i> .....				
	312-07937-001	.TUBO CONJ (PRE MOD BS 312-028-0017) .....	001JK	1	006335	
	312-16007-002	<i>TUBE ASSY (PRE MOD SB 312-028-0017)</i> .....				
		.TUBO CONJ .....	001JK	1	B	
		<i>TUBE ASSY</i> .....				
19	F-8300-1	.SENSOR (ALTERNATIVA USE P/N FS-85-3711 OU P/N 722-229) (S157,S158) .....	28719	1		
		<i>SENSOR (ALTERNATIVE USE P/NFS-85-3711 OR P/N 722-229) (S157, S158)</i> .....				
20	AN924-5D	.PORCA .....	88044	1		
		<i>NUT</i> .....				
	AN960-816L	.ARRUELA PLANA .....	88044	1	336999	
		<i>WASHER, FLAT</i> .....				
21		.TAMPAS DE INSPECAO E JANELAS DE ACESSO INSTL, ASA (VEJA CAP 57) .....			REF	
		<i>ACCESS/INSPECTIONS COVERS &amp; DOORS INSTL, WING (SEE CHAPTER 57)</i> .....				
22		.INDICACAO DE TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASAS (VEJA FIG 28-40-00-05) ....				
		<i>FUEL TRANSFER INDICATING SYSTEM INSTL, PYLON-TO- WING TANK (SEE FIG 28-40-00-05)</i> .....				
		<i>EFETIVIDADES</i>				
		<i>USAGE CODE LIST</i>				
		<i>A (PRE MOD BS 312-00-0003)</i>				
		<i>A (PRE MOD SB 312-00-0003)</i>				
		<i>B AVIOES 312006 A 312335 (POS MOD BS 312-028-0017), 312336 E SEGUINTE</i>				
		<i>B AIRCRAFT 312006 THRU 312335 (POST MOD SB 312-028-0017), 312336 AND ON</i>				
		<i>C AVIOES 312006 A 312504 (POS MOD BS 312-028-0021)</i>				
		<i>C AIRCRAFT 312006 THRU 312504 (POST MOD SB 312-028-0021)</i>				



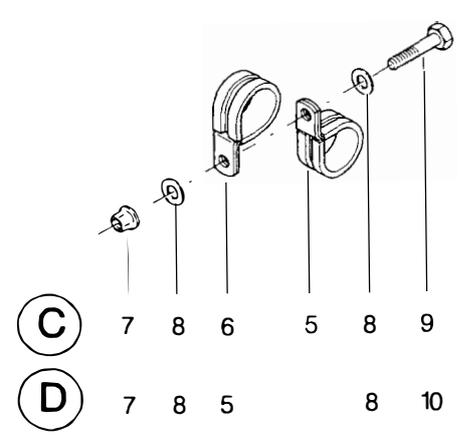
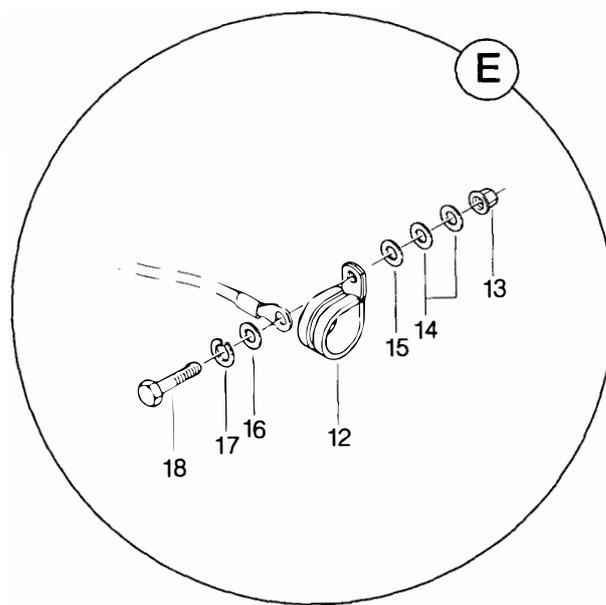
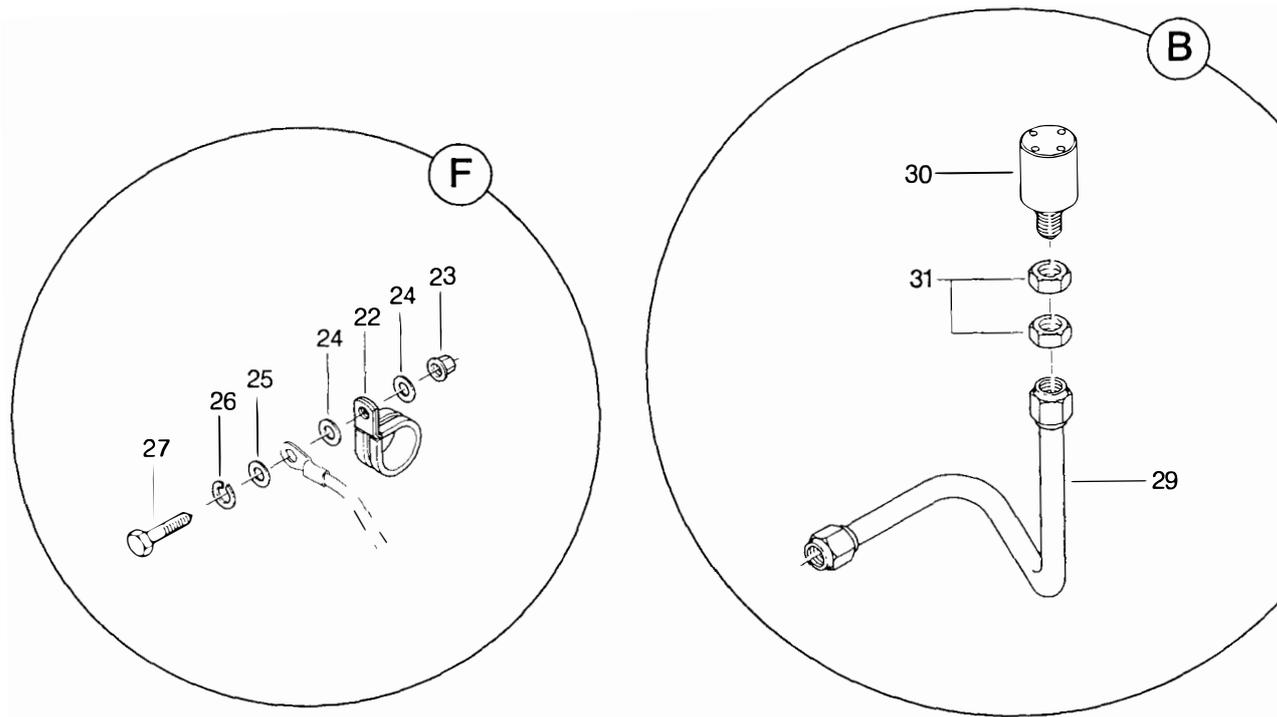


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FIGURA 03. TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE (FOLHA 1 DE 2)  
FIGURE 03. FUEL TRANFER SYSTEM INSTL, TANK (SHEET 1 OF 2)

**28-10-01**

(4-25 em branco/blank)/4-26



312 0428 0125

FIGURA 03. TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE (FOLHA 2 DE 2)  
 FIGURE 03. FUEL TRANFER SYSTEM INSTL, TANK (SHEET 2 OF 2)

28-10-01

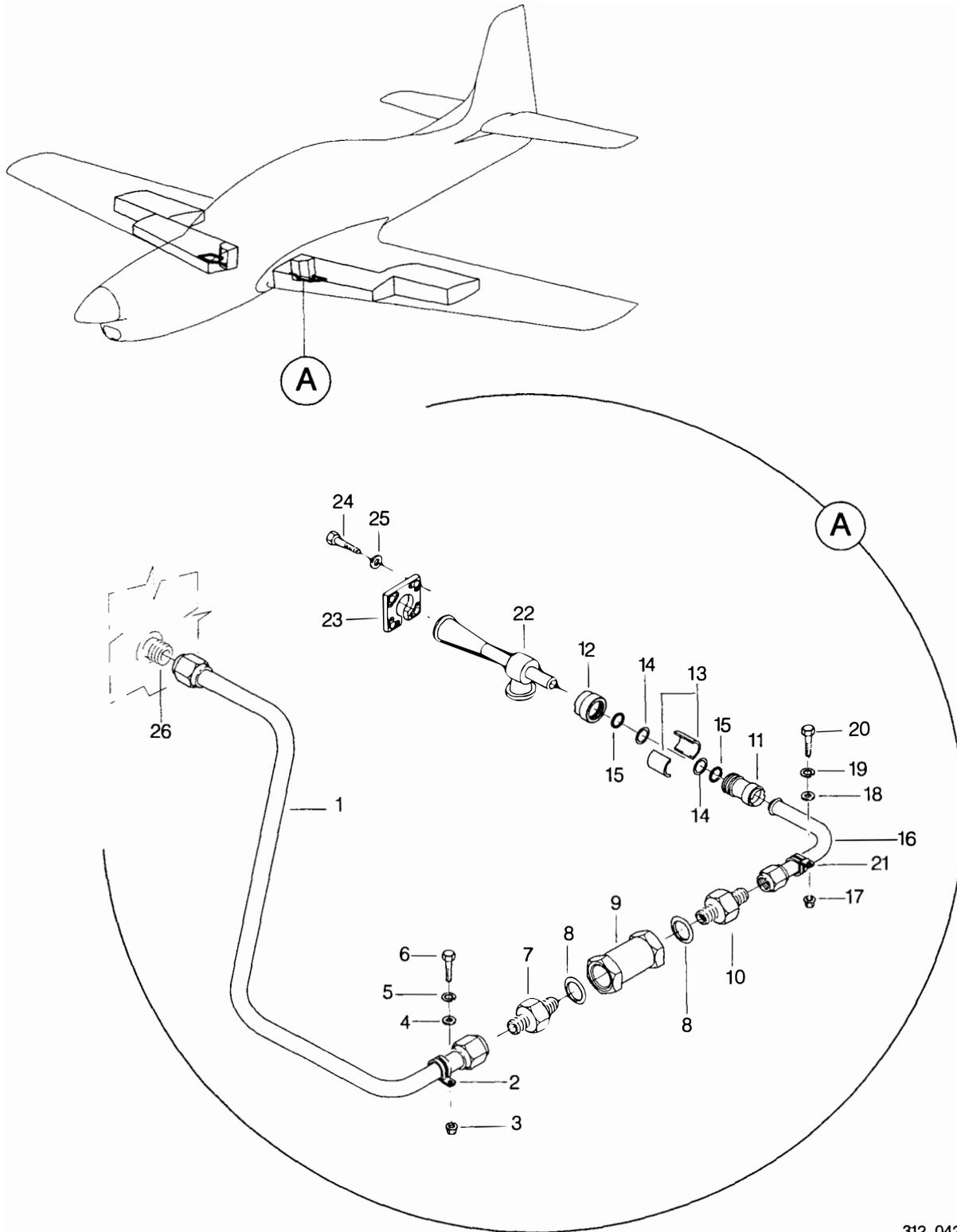
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03		TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE <i>FUEL TRANSFER SYSTEM INSTL, TANK</i>		REF	A	
1	312-06329-003	.MANGUEIRA <i>HOSE</i>	001JK	2		
2	PE27021-2538	.BRACADEIRA AJUSTAVEL (PF) <i>CLAMP (AP)</i>	001JK	4		
3	9807100-1	.VALVULA <i>VALVE, CHECK</i>	U1918	2		
4	312-17985-003	.MANGUEIRA CONJ <i>HOSE ASSY</i>	001JK	2		
5	MS21919WDF7	.BRACADEIRA <i>CLAMP</i>	96906	8		
6	MS21919WDF8	.BRACADEIRA <i>CLAMP</i>	96906	6		
7	H14-3	.PORCA (PF) <i>NUT (AP)</i>	15653	8		
8	AN960-10L	.ARRUELA (PF) <i>WASHER, FLAT (AP)</i>	88044	16		
9	AN3-4A	.PINO ROSCAOO (PF) <i>BOT</i>	88044	6		
10	AN3-3A	.PINO ROSCADO (PF) <i>BOLT (AP)</i>	88044	2		
11	6607A1-141	.INSTALLATION SWITCH PRESSURE (PARA DETALHES VEJA DESENHO 6607A1-141) (S0130, S0131) <i>INSTALLATION SWITCH PRESSURE (FOR DETAILS SEE DWG 6607A1-141) (S0130, S0131)</i>	02750	2		
12	MS21919WDG22	BRACADEIRA <i>CLAMP ASSY GHT, HINGE</i>	96906	2		
13	H14-3	.PORCA (PF) <i>NUT (AP)</i>	15653	2		
14	NAS1197-10L	.ARRUELA (PF) <i>WASHER (AP)</i>	80205	4		
15	AN960D10	.ARRUELA (PF) <i>WASHER (AP)</i>	88044	2		
16	AN960-10L	.ARRUELA (PF) <i>WASHER, FLAT (AP)</i>	88044	2		
17	MS35338-43	.ARRUELA (PF) <i>WASHER (AP)</i>	96906	2		
18	AN3-5A	.PINO ROSCAOO (PF) <i>BOLT (AP)</i>	88044	2		
19	MS24392D4	.CONEXAO UNIAO <i>UNION, TUBE, PRECISION TYPE, AL</i>	96906	2		
20	MS29512-04	.ANEL DE VEDACAO <i>RING, O'</i>	96906	2		
21	312-17989-001	.TUBO CONJ <i>TUBE ASSY</i>	001JK	2		

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REVISÃO 13  
CHANGE 13

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
22	PE27010A4	.BRACADEIRA CLAMP	001JK	2		
23	H14-3	.PORCA(PF) NUT(AP)	15653	2		
24	NAS1197-10L	.ARRUELA(PF) WASHER(AP)	80205	4		
25	AN960-10L	.ARRUELA(PF) WASHER,FLAT(AP)	88044	2		
26	MS35338-43	.ARRUELA(PF) WASHER(AP)	96906	2		
27	AN3-4A	.PINO ROSCADO(PF) BOLT(AP)	88044	2		
28	PE88001-4BB5	.PONTE LIGACAO,CONJ JUMPER ASSY	001JK	2		
29	312-07938-001	.TUBOCONJ(PREMOD BS312-28-0017) TUBEASSY(PREMOD SB312-28-0017)	001JK	1	006335	
	312-16007-001	.TUBOCONJ TUBEASSY	001JK	1	B	
	312-07937-001	.TUBOCONJ(PREMOD BS312-28-0017) TUBEASSY(PREMOD SB312-28-0017)	001JK	1	006335	
	312-16007-002	.TUBOCONJ TUBEASSY	001JK	1	B	
30	F-8300-1	.SENSOR(ALTERNATIVO, FS-85-3711), (S0157,S0158) SENSOR (ALTERNATIVE, FS-85-3711), (S0157,S0158)	28719	2		
31	AN924-5D	.PORCA(PF) NUT(AP)	88044	4		
32	312-04168-001	.INSCRICAO TECNICA PLACARD	001JK	2		
33		.TAMPAS DE INSPECAO E JANELAS DE ACESSO INSTL, ASA(VEJA CAP 57) ACCESS/INSPECTIONS COVERS & DOORS INSTL, WING (SEE CHAPTER 57)				
34		.INDICACAO DE TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASA (VEJA FIG 28-40-00-05) FUEL TRANSFER INDICATING SYSTEM INSTL, PYLON- TO-WING TANK(SEE FIG 28-40-00-05)				
		EFETIVIDADES USAGE CODE LIST A AVIOES312011,312012,312018 ,312030,312031,312033, 312035,312037,312065,312071A312074,312076, 312080, 312086,312093,312097,312100,312145,312176, 312184, 312189,312195,312393A312395,312398 (POS MOD BS312-00-0003) A AIRCRAFT312011,312012,312018,312030,312031,3120 33,312035,312037,312065,312071 THRU 312074,312076, 312080,312086,312093,312097,312100,312145,312176, 312184,312189,312195,312393 THRU 312395,312398 (POST MOD SB312-00- 0003) B AVIOES312006 A 312335 (POS MOD BS312-28-0017), 312336 E SEGUINTE B AIRCRAFT312006 THRU 312335 (POST MOD SB312-28-0017), 312336 AND ON				



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FIGURA 10. TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS  
FIGURE 10. FUEL TRANSFER SYSTEM INSTL, WINGS

28-10-01

4-30

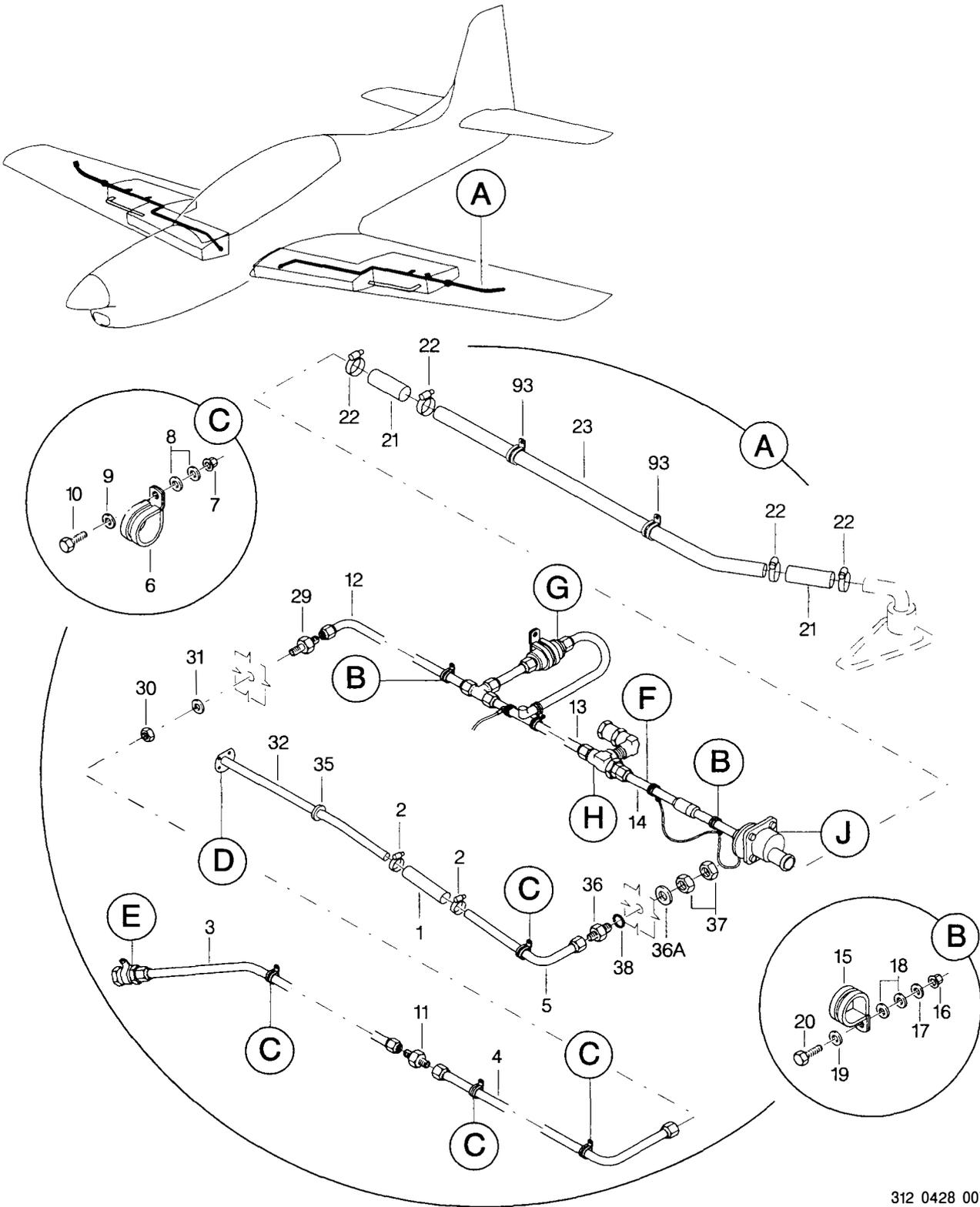
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		TRANSFERENCIA DE COMBUSTIVEL INSTL, ASAS..... FUEL TRANSFER SYSTEM INSTL, WINGS.....		REF	A	
1	312-07939-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-07940-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-04168-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	1		
2	PE27019RC8	BRACADEIRA..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
3	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
4	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
5	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
6	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
7	MS24392D8	.UNIAO..... UNION.....	96906	1		
8	MS29512-08	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
9	MS28882A-8	.VALVULA UNIDIRECIONAL..... VALVE, FUEL CHECK.....	96906	1		
10	AN919-12D	.REDUTOR..... REDUCER, FLARED TUBE, ALUMINUM.....	88044	1		
11	2608L89G6-1	.CORPO..... BODY.....	S4956	1		
12	2608L89G6-03	.PORCA..... NUT.....	S4956	1		
13	2608L89G6-24	.LUA..... SLEEVE.....	S4956	2		
14	MS29513-110	.ANEL VEDACAO..... RING, 'O'.....	96906	2		
15	3659-6-9	.ARRUELA..... WASHER.....	S4956	2		
16	312-12452-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	312-12453-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
17	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
18	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
19	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
20	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
21	PE27019RC6	BRACADEIRA..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
22	60103	.BOMBA..... PUMP, FUEL JET.....	86090	1		
23	312-07164-001	.FLANGE CONJ..... FLANGE ASSY.....	S4956	1		
24	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
25	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
26		. SIST DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (VEJ A FIG 28-20-00-10/11).....		REF		

28-10-01

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		<p>FUEL SYSTEM INSTL. LH/RH WINGS (SEE FIG 28-20-00-10/11).....</p> <p>EFETIVIDADES USAGE CODE LIST</p> <p>A AVIOES 312006 A 312144 (POS MOD BS 312-028-0007), 312 145 E SEGUINTE</p> <p>A AIRCRAFT 312006 THRU 312144 (POST MOD SB 312-028-0007), 312145 AND ON</p>				

28-10-01





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FIGURA 03. SUSPIRO TANQUE DE COMBUSTIVEL INSTL (FOLHA 1 DE 2)  
FIGURE 03. FUEL TANK VENT SYSTEM INSTL (SHEET 1 OF 2)

28-10-02

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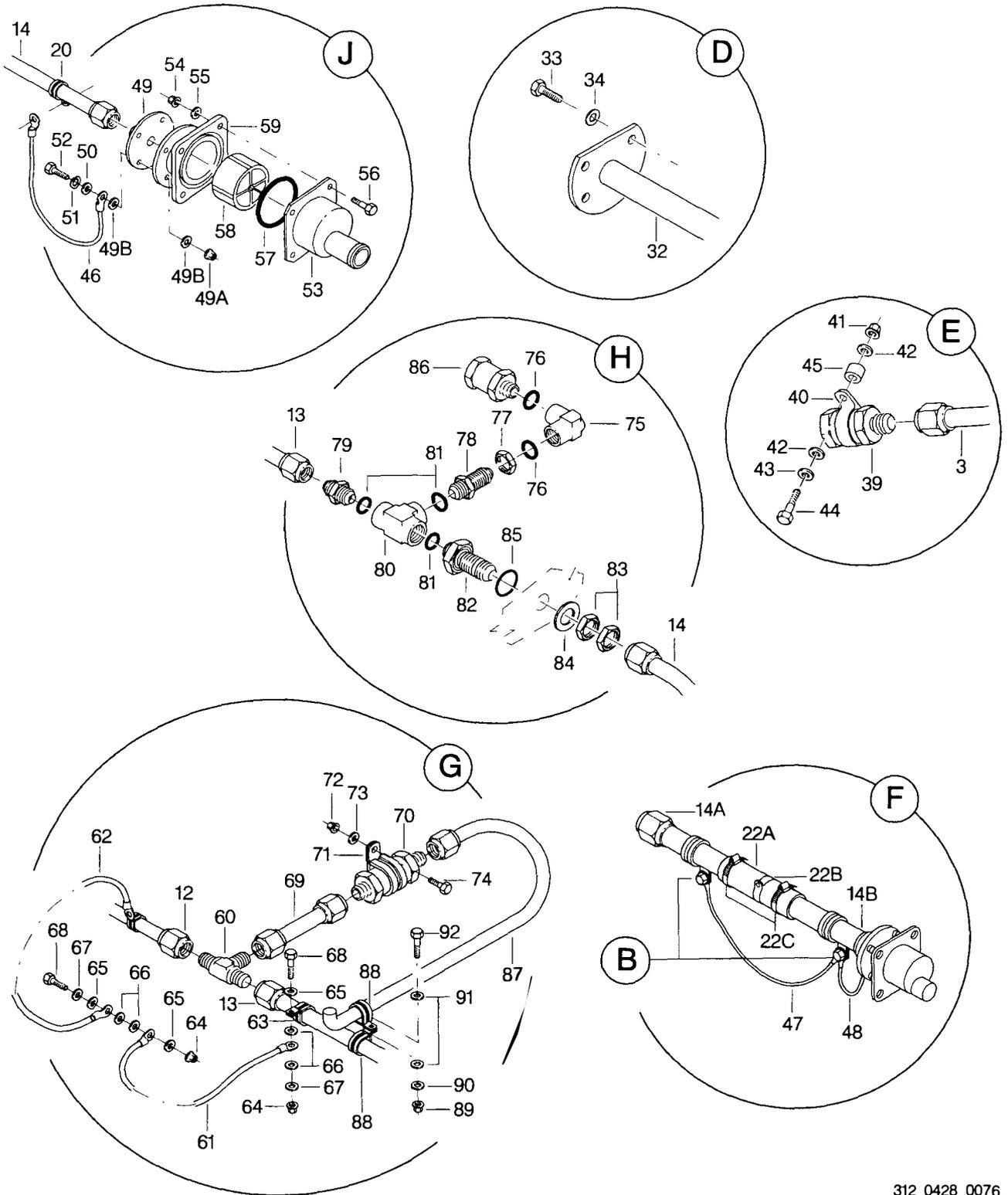


FIGURA 03. SUSPIRO TANQUE DE COMBUSTIVEL INSTL (FOLHA 2 DE 2)  
 FIGURE 03. FUEL TANK VENT SYSTEM INSTL (SHEET 2 OF 2)

312 0428 0076

28-10-02

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03		SUSPIRO TANQUE DE COMBUSTIVEL INSTL .....		REF	A	
	312-01686-009	FUEL TANK VENT SYSTEM INSTL .....				
		.MANGUEIRA .....	S4956	2		
		.HOSE .....				
2	FAB1422	.BRACADEIRA(PF) .....	S4956	4		
		.CLAMP(AP) .....				
3	312-01692-001	.TUBO CONJ .....	S4956	2		
		.TUBE ASSY .....				
4	312-01691-001	.TUBO CONJ .....	S4956	2		
		.TUBE ASSY .....				
5	312-04275-001	.TUBO CONJ .....	S4956	2		
		.TUBE ASSY .....				
6	PE27019RC8	.BRACADEIRA .....	S4956	8		
		.CLAMP,STEEL,ASBESTOS CUSHIONTEEL .....				
7	MS21042L3	.PORCA (PF) .....	96906	8		
		.NUT (AP) .....				
8	NAS1197-10L	.ARRUELA (PF) .....	80205	16		
		.WASHER (AP) .....				
9	MS35338-43	.ARRUELA (PF) .....	96906	8		
		.WASHER (AP) .....				
10	AN3-3A	.PINO ROSCADO(PF) .....	88044	8		
		.BOLT (AP) .....				
11	MS24392D8	.UNIAO .....	96906	2		
		.UNION .....				
12	312-06498-001	.TUBO CONJ .....	S4956	2		
		.TUBE ASSY .....				
13	312-06395-001	.TUBO CONJ .....		2		
		.TUBE ASSY .....				
14	312-01688-001	.TUBO CONJ .....	S4956	2	B	
		.TUBE ASSY .....				
14A	312-13009-001	.TUBO CONJ .....	S4956	2	C	
		.TUBE ASSY .....				
14B	312-13010-001	.TUBO CONJ .....	S4956	2	C	
		.TUBE ASSY .....				
15	PE27010A8	.BRACADEIRA .....	S4956	4	C	
		.CLAMP .....				
	PE27010A8	.BRACADEIRA .....	S4956	2	A	
		.CLAMP .....				
	PE27019RC8	.BRACADEIRA .....	S4956	2		
		.CLAMP,STEEL,ASBESTOS CUSHIONTEEL .....				
16	MS21042L3	.PORCA (PF) .....	96906	6	C	
		.NUT (AP) .....				
	MS21042L3	.PORCA (PF) .....	96906	4	B	
		.NUT (AP) .....				
17	AN960-10L	.ARRUELA (PF) .....	88044	6	C	
		.WASHER, FLAT (AP) .....				
	AN960-10L	.ARRUELA (PF) .....	88044	4	B	
		.WASHER, FLAT (AP) .....				
18	NAS1197-10L	.ARRUELA (PF) .....	80205	12	C	
		.WASHER (AP) .....				
	NAS1197-10L	.ARRUELA (PF) .....	80205	10	B	
		.WASHER (AP) .....				
19	MS35338-43	.ARRUELA (PF) .....		6	C	
		.WASHER (AP) .....				
	MS35338-43	.ARRUELA (PF) .....		4	B	
		.WASHER (AP) .....				
20	AN3-3A	.PINO ROSCADO (PF) .....	88044	6	C	
		.BOLT (AP) .....				
	AN3-3A	.PINO ROSCADO (PF) .....	88044	4	B	

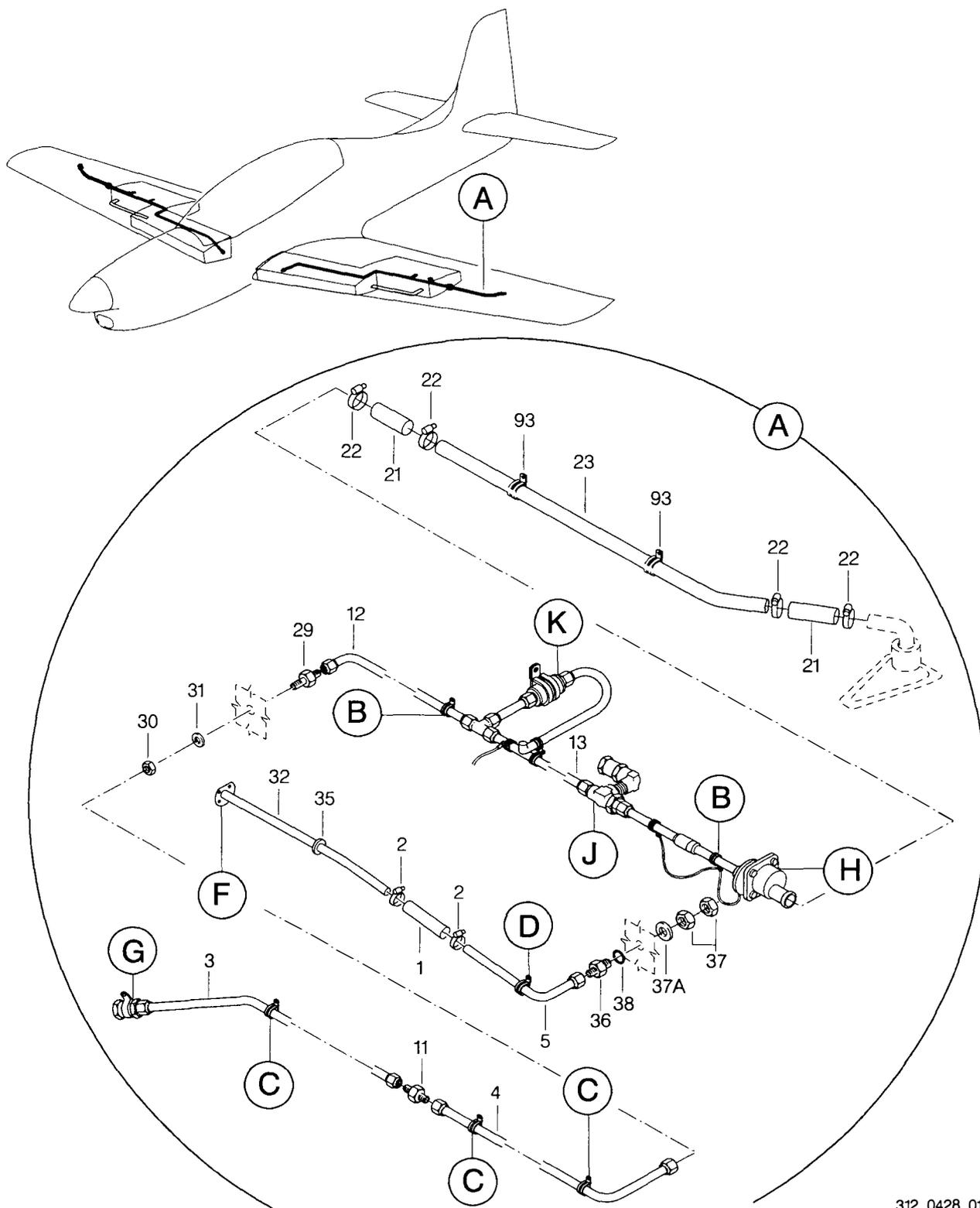
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
21	312-01686-003	BOLT (AP) .....	84956	4	006224	
	312-01686-011	MANGUEIRA .....	84956	4	225999	
		HOSE .....				
22	AN737TW56	.BRACADEIRA.....	84956	8		
		CLAMP .....				
22A	312-01686-013	.MANGUEIRA .....	84956	2	C	
		HOSE .....				
22B	PE49011-4A	.BRACADEIRA(PF) .....	84956	2	C	
		CLAMP(AP).....				
22c	FAB1422	.BRACADEIRA(PF) .....	84956	4	B	
		CLAMP(AP) .....				
23	312-01687-001	.TUBO CONJ .....	84956	2		
		TUBE ASSY .....				
29	AN832-8D	.CONEXAO UNIAO .....	88044	2		
		FITTING .....				
30	AN924-8D	.PORCA(PF) .....	88044	2		
		NUT(AP) .....				
31	AN960-D1216	.ARRUELA(PF) .....	88044	2		
		WASHER(AP) .....				
32	312-04104-001	.TUBO CONJ .....	84956	2		
		TUBE ASSY .....				
33	MS27039-0807	.PARAFUSO CABECA ABAULADA(PF) .....	96906	8		
		SCREW, TRUSS HEAD(AP).....				
34	NAS1197-8	.ARRUELA(PF) .....	80205	8		
		WASHER(AP).....				
35	MS35489-14	.ILHOS.....	96906	2		
		GROMMET,RUBBER .....				
36	111A-746-23-01-09	.UNIAO .....	84956	2		
		UNION .....				
36A	AN960-D1216	.ARRUELA(PF) .....	88044	2		
		WASHER(AP) .....				
37	AN924-8D	.PORCA(PF) .....	88044	4		
		NUT(AP) .....				
38	MS29513-120	.ANEL DE VEDACAO .....	96906	2		
		RING, 'O' .....				
39	312-01757-001	.VALVULA UNIDIRECIONAL .....	84956	2		
		VALVE, FUEL CHECK .....				
40	MS21103-18	.BRACADEIRA .....	96906	2	006149	
		CLAMP .....				
	MS21919WDF18	.BRACADEIRA .....	96906	2	150999	
		CLAMP .....				
41	M821042L3	.PORCA (PF) .....	96906	2	006144	
		NUT (AP) .....				
	F1968-3	.PORCA FLANG E (PF) .....	80205	2	145999	
		NUTPLATE (AP) .....				
42	NAS1197-10L	.ARRUELA (PF) .....	80205	4		
		WASHER (AP) .....				
43	MS35338-43	.ARRUELA (PF) .....	96906	2		
		WASHER (AP).....				
44	AN3-7A	.PINO ROSCADO (PF) .....	88044	2	006144	
		BOLT (AP).....				
	AN3-10A	.PINO ROSCADO (PF) .....	88044	2	145999	
		BOLT (AP) .....				
45	312-01694-001	.ESPACADOR .....	84956	2	006144	
		SPACER .....				
	PE24016-17	.ESPACADOR .....	84956	2	145999	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03		SPACER .....				
46	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5884) .....	S4956	2	B	
	PE88001-5BB4	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4) .PONTE LIGACAO, CONJ (BI 312-00-0003) .....	S4956	2		
47	PE88001-1BB6	JUMPER ASSY (IB 312-00-0003) .....	S4956	2	C	
	PE88001-5BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5886) .....	S4956	2		
48	PE88001-1BB5	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6). .PONTE LIGACAO, CONJ (BI 312-00-0003) .....	S4956	2	C	
	PE88001-5BB5	JUMPER ASSY (IB 312-00-0003) .....	S4956	2		
49	312-01693-001	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5885) .....	S4956	2		
49A	MS21042L3	BONDING (IB 312-00-0003) .....	S4956	2		
49B	AN960-10L	.UNIAO .....	S4956	2		
50	NAS1197-10L	UNION .....	96906	8		
51	MS35338-43	.PORCA (PF) .....	96906	8		
52	AN3-5A	NUT (AP) .....	88044	16		
53	121-747-21-06	.ARRUELA(PF) .....	88044	8		
54	MS21042L3	WASHER, FLAT (AP) .....	80205	8		
55	AN960-10L	WASHER (AP) .....	96906	8		
	AN960-10L	.ARRUELA(PF) .....	96906	8		
	MS35338-43	WASHER (AP) .....	96906	8		
	NAS1197-10L	.PINO ROSCADO(PF) .....	88044	8		
56	AN3-5A	BOLT (AP) .....	88044	8		
57	MS29513-228	.ALOJAMENTO .....	S4956	2		
58	L1208	HOUSING .....	S4956	2		
59	121-747-21-05	.PORCA (PF) .....	96906	8		
60	MS24402D8	NUT (AP) .....	96906	8		
61	MS25083-7BB5	.ARRUELA (PF) .....	88044	10	006312	
62	MS25083-7BB4	WASHER, FLAT (AP) .....	88044	6	313999	
63	PE27010A8	.ARRUELA (PF) .....	96906	2		
64	MS21042L3	WASHER (AP) .....	96906	2		
65	AN960-10L	.ARRUELA (PF) .....	80205	4	313999	
		.PINO ROSCADO (PF) .....	88044	8		
		BOLT (AP) .....	88044	8		
		.ANEL DE VEDACAO .....	96906	2		
		RING, 'O' .....	96906	2		
		.SUPPRESSOR DE CHAMAS .....	81983	2		
		ARRESTOR, FLAME .....	81983	2		
		.TAMPA .....	S4956	2		
		COVER .....	S4956	2		
		.TE .....	S4956	2		
		TEE .....	S4956	2		
		.METALIZACAO .....	96906	2		
		BONDING .....	96906	2		
		.METALIZACAO .....	96906	2		
		BONDING .....	96906	2		
		.BRACADEIRA .....	S4956	2		
		CLAMP .....	S4956	2		
		.PORCA (PF) .....	96906	4		
		NUT (AP) .....	96906	4		
		.ARRUELA (PF) .....	88044	6		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
66	NAS1197-10L	WASHER.FLAT (AP) ..... .ARRUELA (PF) .....	80205	8		
67	MS35338-43	WASHER (AP) ..... .ARRUELA (PF) .....	96906	4		
68	AN3-3A	WASHER (AP) ..... .PINO ROSCADO (PF) .....	88044	4		
69	312-06396-001	BOLT (AP)..... .TUBO CONJ .....	84956	2		
70	488-8DT-2.5	TUBE ASSY .....				
	488-8DT-2.5	.VALVULA DE ALIVIO (INTERCAMBIAVEL SENTIDO DUPLO COM P/N 488-8D28-2.5)..... VAL VE, RELIEF (TWO WAY INTERCHANGEABLE WITH P/N 488-8D28-2.5).....	09990	2		
	488-8D28-2.5	.VALVULA UNIDIRECIONAL-SIS TRANSFERENCIA COMBUSTIVEL..... CHECK VALVE-FUEL TRANSFER SYS.....	09990	2		
	312-04168-001	.INSCRICAO TECNICA..... PLACARD .....	84956	1		
71	MS21919WDF20	.BRACADEI RA,CONJ DICA .....	96906	2		
72	MS21042L3	CLAMP ASSYGH,T,HINGE..... .PORCA (PF) .....	96906	2		
73	AN960-10L	NUT (AP) .....				
74	AN3-3A	.ARRUELA (PF)..... WASHER.FLA T (AP).....	88044	2		
75	312-12608-001	.PINO ROSCADO (PF) .....	88044	2		
	312-11968-001	BOLT (AP)..... .CONEXAO ESPECIAL .....	84956	2	D	
	312-11968-001	ELBOW, SPECIAL .....				
	312-11968-001	.COTOVELO-SUSPIRO TANQUE COMBUSTIVEL .....	S4956	2	E	
76	MS29512-08	ELBOW, VENTLINE FUEL TANK .....				
77	AN924-8D	.ANEL DE VEDACAO .....	96906	4		
78	AN832-8D	RING, 'O' .....				
79	AN815-8D	.PORCA .....	88044	2		
80	AN938D8	NUT .....				
81	MS29512-08	.CONEXAO UNIAO .....	88044	2		
82	4A-744-21-15	FITTING .....				
83	AN924-8D	.UNIAO .....	96906	2		
84	AN960-D1216	UNION .....				
85	MS29513-120	.CONEXAO EM TE.....	88044	2		
86	312-01757-001	TEE, TUBE.INTERNAL THREAD,AL.....				
87	312-11965-001	.ANEL DE VEDACAO .....	96906	6		
	312-11966-001	RING, 'O' .....				
	312-11966-001	.UNIAO .....	S4956	2		
	312-11966-001	UNION .....				
88	PE27019RC8	.PORCA (PF) .....	88044	4		
	PE27019RC8	NUT (AP) .....				
	PE27019RC8	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
	PE27019RC8	.ANEL DE VEDACAO .....	96906	2		
	PE27019RC8	RING, 'O' .....				
	PE27019RC8	.VALVULA UNIDIRECIONAL (A/D PN 588-8D1 COD.EMBRAER E6504230)..... VALVE.FUEL CHECK (A/F PN 588-8D1, EMBRAER CODE E6504230).....	S4956	2		
	PE27019RC8	.TUBO CONJ .....				
	PE27019RC8	TUBE ASSY .....				
	PE27019RC8	.TUBO CONJ .....				
	PE27019RC8	TUBE ASSY.....				
	PE27019RC8	.BRACADEIRA.....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
89	MS21042L3	CLAMP,STEEL.ASBESTOS CUSHIONTEEL..... .PORCA (PF) .....	96906	2		
90	MS35338-43	NUT(AP) .....				
91	NAS1197-10L	.ARRUELA (PF) .....	96906	2		
92	AN3-3A	WASHER (AP) .....				
93		.ARRUELA (PF) .....	80205	4		
		WASHER (AP) .....				
		.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP) .....				
		SISTEMA PITOT ESTATICO INSTL, ASA (VEJA CAPITULO 34) .....			REF	
		PITOT STATIC INSTL, WING (SEE CHAPTER 34) .....				
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PRE MOD SB 312-00-0003 B AVIOES 312006 A 312147, 312149 A 312160, 312162 A 312169 E 312171 A 312184 B AIRCRAFT 312006 THRU 312147, 312149 THRU 312160, 312162 THRU 312169 & 312171 THRU 312184 C AVIOES 3121 48, 312161, 312170, 312185 E SEGUINTE C AIRCRAFT 312148, 312161, 312170, 312185 AND ON D AVIOES 312045 A 31 2053 (POS MOD BS 31 2-28-0005), 312006 A 312044, 312054 E SEGUINTE D AIRCRAFT 312045 THRU 312053 (POST MOD SB 312-28- 0005), 312006 THRU 312044, 312054 AND ON E AVIOES 312045 A 312053 (PRE MOD BS 312-28-0005) E AIRCRAFT 312045 THRU 312053 (PRE MOD SB 312-28-0005)				



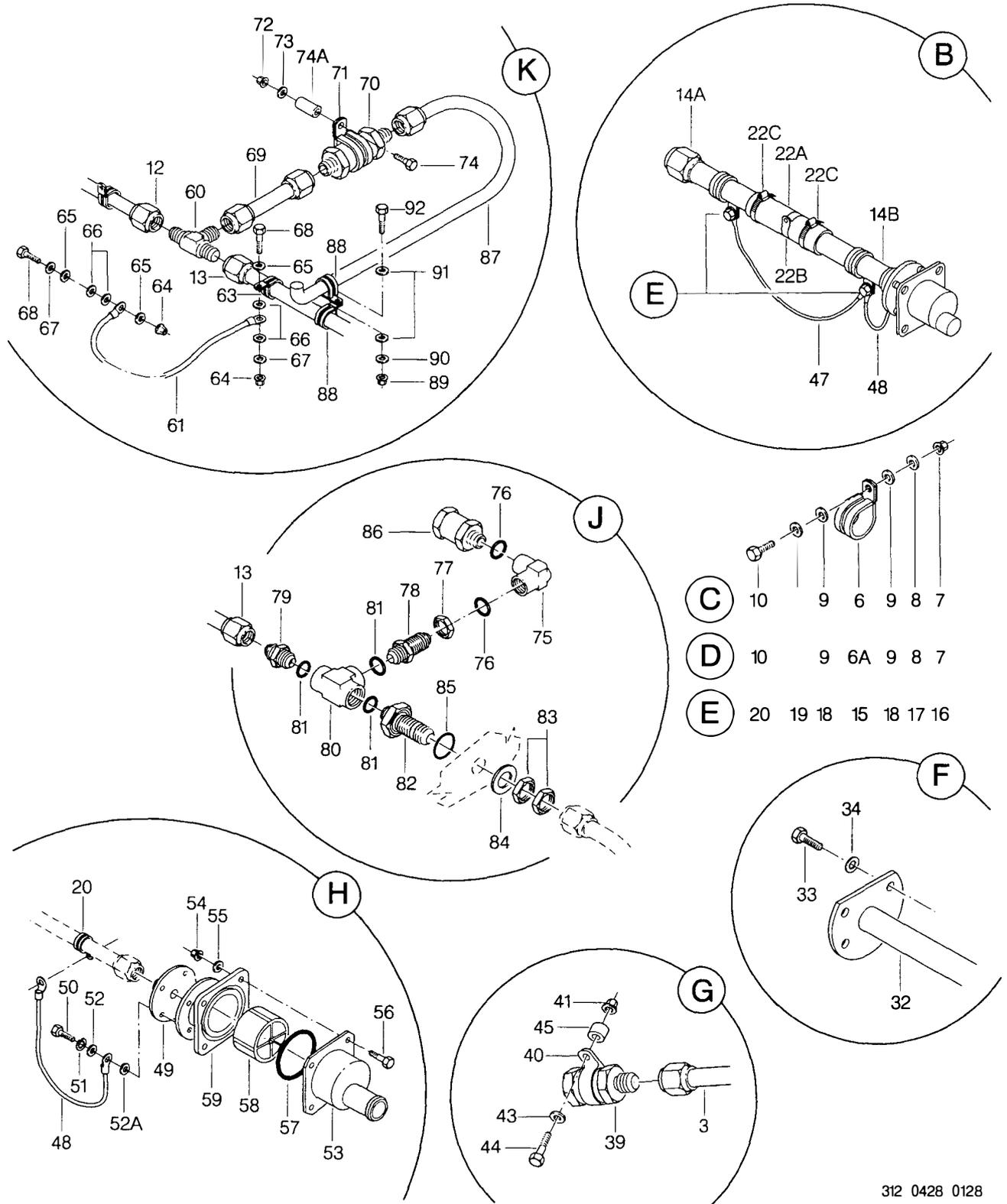


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FIGURA 04. SUSPIRO TANQUE DE COMBUSTIVEL INSTL (FOLHA 1 DE 2)  
FIGURE 04. FUEL TANK VENT SYSTEM INSTL (SHEET 1 OF 2)

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(4-41 em branco/blank)/4-42



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FIGURA 04. SUSPIRO TANQUE DE COMBUSTIVEL INSTL (FOLHA 2 DE 2)  
 FIGURE 04. FUEL TANK VENT SYSTEM INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04		SUSPIRO TANQUE DE COMBUSTIVEL INSTL .....		REF	A	
1	312-01686-009	FUEL TANK VENT SYSTEM INSTL .....				
		.MANGUEIRA .....	001JK	2		
		.HOSE .....				
2	PE27021A1422	.BRACADEIRA (PF) .....	001JK	4		
		.CLAMP (AP) .....				
3	312-15177-001	.TUBO ASSY .....	001JK	2		
		.TUBE ASSY .....				
4	312-01691-001	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
5	312-04275-001	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
6	PE27019RC8	.BRACADEIRA .....	001JK	6		
		.CLAMP, STEEL, ASBESTOS CUSHIONTEEL .....				
6A	PE27019R18	.BRACADEIRA .....	96906	2		
		.CLAMP, STEEL, ASBESTOS CUSHIONTEEL .....				
7	MS21042L3	.PORCA (PF) .....	96906	8		
		.NUT (AP) .....				
8	MS35338-43	.ARRUELA (PF) .....	80205	8		
		.WASHER (AP) .....				
9	NAS1197-10L	.ARRUELA (PF) .....	80205	16		
		.WASHER (AP) .....				
10	AN3-3A	.PINO ROSCADO (PF) .....	96906	8		
		.BOLT (AP) .....				
11	MS24392D8	.UNIAO .....	001JK	2		
		.UNION .....				
12	312-18316-005	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
13	312-18316-007	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
14A	312-13009-001	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
14B	312-13010-001	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
15	PE27010A8	.BRACADEIRA .....	15653	4		
		.CLAMP .....				
16	H14-3	.PORCA (PF) .....	88044	4		
		.NUT (AP) .....				
17	MS35338-43	.ARRUELA (PF) .....	80205	4		
		.WASHER (AP) .....				
18	NAS1197-10L	.ARRUELA (PF) .....	80205	8		
		.WASHER (AP) .....				
19	AN960-10L	.ARRUELA (PF) .....	88044	4		
		.WASHER, FLAT (AP) .....				
20	AN3-3A	.PINO ROSCADO (PF) .....	88044	4		
		.BOLT (AP) .....				
21	312-01686-011	.MANGUEIRA .....	001JK	4		
		.HOSE .....				
22	AN737TW56	.BRACADEIRA-AJUSTAVEL, PARA MANGUEIRA .....	88044	8		
		.CLAMP, HOSE, WORM SCREW, CRES .....				
22A	312-01686-013	.MANGUEIRA .....	001JK	2		
		.HOSE .....				
22B	PE49011-4A	.BRACADEIRA (PF) .....	001JK	2		
		.CLAMP (AP) .....				
22C	PE27021A1422	.BRACADEIRA (PF) .....	001JK	4		
		.CLAMP (AP) .....				
23	312-01687-001	.TUBO CONJ .....	001JK	2		
		.TUBE ASSY .....				
29	AN832-8D	.CONEXAO UNIAO .....	88044	2		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04		FITTING.....				
30	AN924-8D	.PORCA (PF) .....	88044	2		
		NUT (AP) .....				
31	AN960-D1216	.ARRUELA (PF) .....	88044	2		
		WASHER (AP) .....				
32	312-01104-001	.PERFIL L2.....	001JK	2		
		PROFILE L.....				
35	MS35489-14	.ILHOS .....	96906	2		
		GROMMET,RUBBER .....				
36	111A-746-23-01-09	.UNIAO .....	001JK	2		
		UNION .....				
37	AN924-8D	.PORCA (PF) .....	88044	4		
		NUT (AP) .....				
37A	AN960-D1216	.ARRUELA (PF) .....	88044	2		
		WASHER (AP) .....				
38	MS29513-120	.ANEL DE VEDACAO .....	96906	2		
		RING, 'O' .....				
39	312-01757-001	.VALVULA UNIDIRECIONAL.....	001JK	2		
		VALVE, FUEL CHECK .....				
40	MS21919WDF18	.BRACADEIRA .....	96906	2		
		CLAMP .....				
41	NAS1473A3	.PORCA FLANGE (PF) .....	80205	2		
		NUT PLATE (AP) .....				
43	AN960-10L	.ARRUELA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
44	AN3-10A	.PINO ROSCADO.....	88044	2		
		BOLT .....				
45	PE24016-17	.ESPACADOR .....	001JK	2		
		SPACER .....				
47	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PES8001-5BB6).....	001JK	2		
		BONDING (FOR REPLACEMENT USE P/N=PES8001-5BB6).				
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003).....	001JK	2		
		JUMPER ASSY (IB 312-00-0003) .....				
48	PE88001-4BB5	.PONTE LIGACAO, CONJ .....	001JK	2		
		JUMPER ASSY .....				
49	312-11474-001	.UNIAO .....	001JK	2		
		UNION .....				
50	AN3-5A	.PINO ROSCADO (PF) .....	88044	6		
		BOLT (AP).....				
	AN3-6A	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP) .....				
51	MS35338-43	.ARRUELA (PF) .....	88044	8		
		WASHER (AP) .....				
52	AN960-10L	.ARRUELA (PF) .....	88044	8		
		WASHER,FLAT (AP) .....				
52A	NAS1197-10L	.ARRUELA (PF) .....	80205	8		
		WASHER (AP) .....				
53	312-14585-001	.ALOJAMENTO .....	001JK	2		
		HOUSING .....				
54	H14-3	.PORCA (PF) .....	15653	8		
		NUT (AP).....				
55	AN960-10L	.ARRUELA (PF) .....	88044	12		
		WASHER,FLAT (AP) .....				
	MS35338-43	.ARRUELA (PF) .....	96906	2		
		WASHER (AP) .....				
	NAS1197-10L	.ARRUELA (PF) .....	80205	4		
		WASHER (AP) .....				

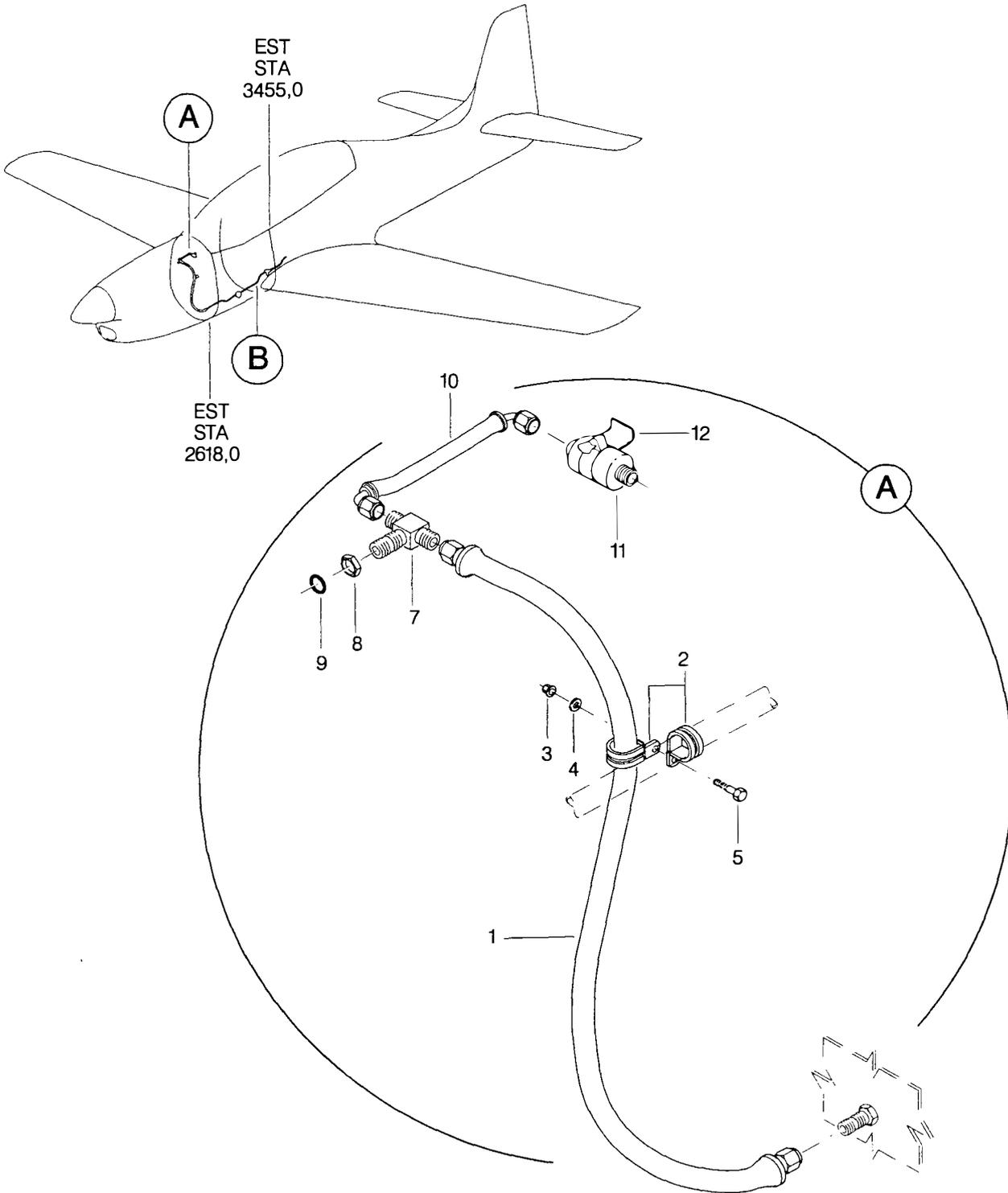
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
56	AN3-5A	.PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	8		
57	MS29513-228	.ANEL DE VEDACAO ..... RING, 'O' .....	96906	2		
58	L-1208	.SUPRESSOR DE CHAMAS ..... ARRESTOR, FLAME .....	81983	2		
59	121-747-21-05	.TAMPA ..... COVER .....	001JK	2		
60	MS24402-D8	.TE ..... TEE .....	96906	2		
61	MS25083-7BB5	.METALIZACAO ..... BONDING .....	96906	2		
63	PE27010A8	.BRACADEIRA ..... CLAMP .....	001JK	2		
64	H14-3	.PORCA (PF) ..... NUT (AP) .....	15653	4		
65	AN960-10L	.ARRUELA (PF) ..... WASHER, FLAT (AP) .....	88044	6		
66	NAS1197-10L	.ARRUELA (PF) ..... WASHER (AP) .....	80205	8		
67	MS35338-43	.ARRUELA (PF) ..... WASHER (AP) .....	96906	4		
68	AN3-3A	.PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	4		
69	312-06396-001	.TUBO CONJ ..... TUBE ASSY.....	001JK	2		
70	488-8DT-2.5	.VALVULA DE ALIVIO (INTERCAMBIAVEL SENTIDO DUPLA COM P/N 488-8D28-2.5)..... VALVE, RELIEF (TWO WAY INTERCHANGEABLE WITH P/N 488-8D28-2.5) .....	09990	2		
	488-8D28-2.5	.VALVULA UNIDIRECIONAL-SIS TRANSFERENCIA COMBUSTIVEL ..... CHECK VALVE-FUEL TRANSFER SYS.....	09990	2		
	312-04168-001	.INSCRICAO TECNICA ..... PLACARD .....	001JK	1		
71	MS21919WDF20	.BRACADEIRA-AMORTECEDOR BORRACHA NITRILICA..... CLAMP-LOOP TYPE,NITRILE CUSHION.....	96906	2		
72	H14-3	.PORCA (PF) ..... NUT (AP) .....	15653	2		
73	AN960-10L	.ARRUELA (PF) ..... WASHER, FLAT (AP) .....	88044	2		
74	AN3-10A	.PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	2		
74A	PE24016-17	.ESPACADOR ..... SPACER.....	001JK	2		
75	312-12608-001	.CONEXAO ESPECIAL ..... ELBOW, SPECIAL.....	001JK	2		
76	MS29512-08	.ANEL VEDACAO ..... ORING .....	96906	4		
77	AN924-8D	.PORCA ..... NUT .....	88044	2		
78	AN832-8D	.CONEXAO UNIAO ..... FITTING .....	88044	2		
79	MS24392D8	.UNIAO ..... UNION .....	96906	2		
80	AN938D8	.CONEXAO EM TE ..... TEE, TUBE, INTERNAL THREAD,AL.....	88044	2		
81	MS29512-08	.ANEL VEDACAO ..... ORING .....	96906	6		

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REVISÃO 11  
CHANGE 11

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
82	312-14854-001	.UNIAO .....	001JK	2		
		UNION .....				
83	AN924-8D	.PORCA (PF) .....	88044	4		
		NUT (AP) .....				
84	AN960-D1216	ARRUELA (PF) .....	88044	2		
		WASHER (AP) .....				
85	MS29513-120	.ANEL DE VEDACAO .....	96906	2		
		RING, 'O' .....				
86	312-01757-001	.VALVULA UNIDIRECIONAL (A/D P/N=588-8D1 COD.EMBRAER E6504230) .....	001JK	2		
		VALVE, FUEL CHECK (A/F PIN=588-8D1, EMBRAER CODE E6504230) .....				
87	312-11965-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
	312-11966-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
88	PE27019RC8	.BRACADEIRA .....	001JK	4		
		CLAMP,STEEL,ASBESTOS CUSHIONTEEL .....				
89	H14-3	.PORCA (PF) .....	15653	2		
		NUT (AP) .....				
90	MS35338-43	.ARRUELA (PF) .....	96906	2		
		WASHER (AP) .....				
91	NAS1197-10L	.ARRUELA (PF) .....	80205	4		
		WASHER (AP) .....				
92	AN3-3A	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP) .....				
93		.PITOT ESTATICO INSTL, ASA (VEJA CAP 34) .....				
		PITOT STATIC INSTL, WING (SEE CHAPTER 34) .....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 31 2035, 312037, 312065, 312071 A 312074, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189,312195, 312393 A 312395 E 312398 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086 312093 312097 312100, 312145 312176 312184, 312189, 312195, 312393 THRU 312395 AND 312398 (POST MOD SB 312-00-0003)				

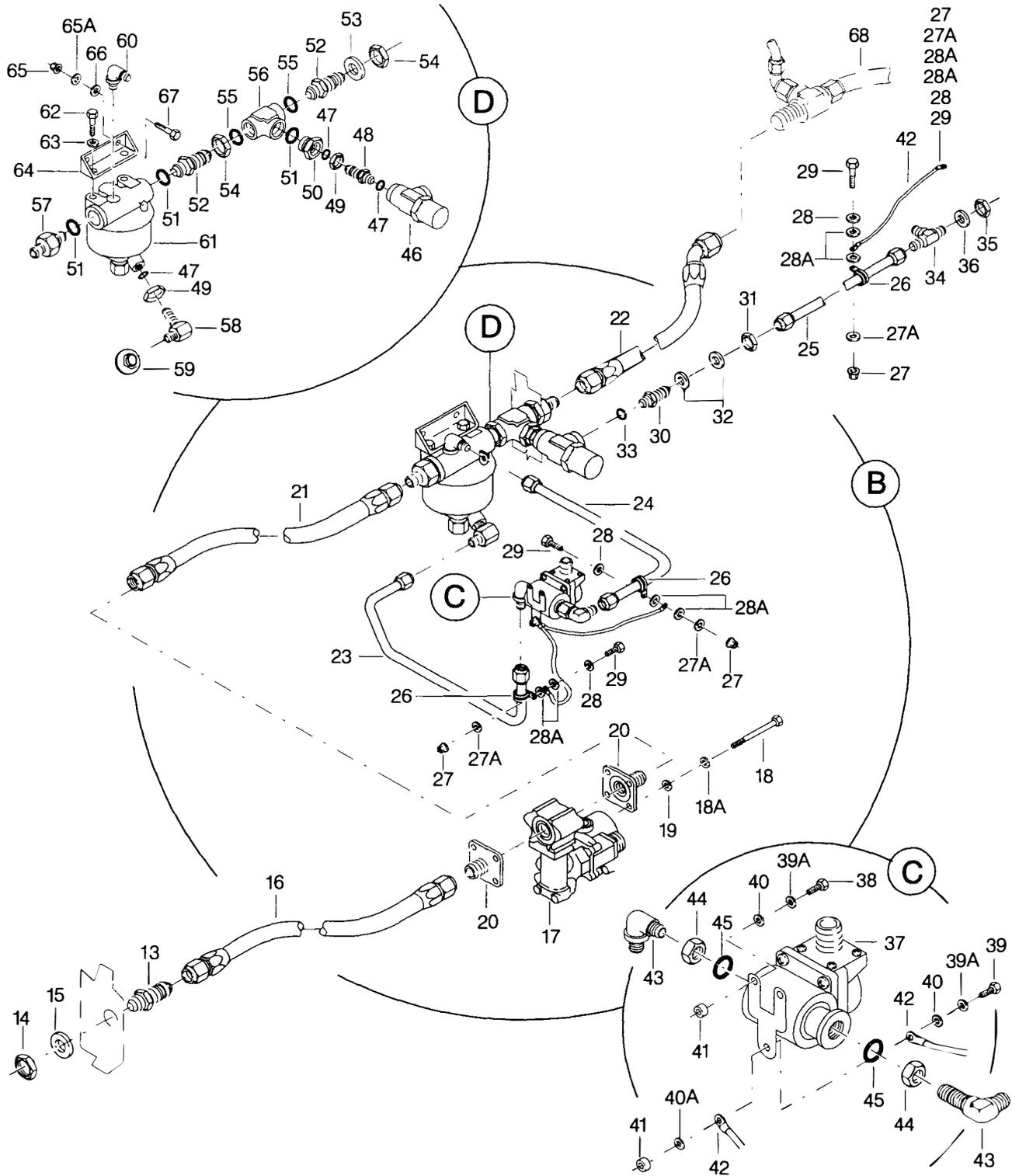


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FIGURA 01. SISTEMA DE COMBUSTIVEL INSTL, FUSELAGEM (FOLHA 1 DE 2)  
FIGURE 01. FUEL SYSTEM INSTL, FUSELAGE (SHEET 1 OF 2)

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FIGURA 01. SISTEMA DE COMBUSTIVEL INSTL, FUSELAGEM (FOLHA 2 DE 2)  
 FIGURE 01. FUEL SYSTEM INSTL, FUSELAGE (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE COMBUSTIVEL INSTL, FUSELAGEM..... FUEL SYSTEM INSTL, FUSELAGE.....		REF	A	
1	312-02271-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
2	MS21919WDG16	.BRACADEIRA..... CLAMP ASSYL, ASBESTOS CUSHIONTEEL.....	96906	2		
3	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
4	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
5	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
7	312-02267-001	.CONEXAO ESPECIAL..... FITTING, SPECIAL.....	S4956	1		
8	NAS509-12	.PORCA..... NUT.....	80205	1		
9	MS29512-08	.ANEL VEDACAO..... O'RING.....		1		
10	312-02272-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
11	1193P0070	.CONTACTOR MANOMETRICO (S0074)..... PRESSURE SWITCH . (S0074).....	98087	1	B	
	1103P0458	.CONTACTOR (S0074)..... PRESSURE SWITCH . (S0074).....	98087	1	C	
12	PE27021A1422	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	1		
13	AN832-8	.UNIAO..... UNION.....	88044	1		
14	AN924-8	.PORCA (PF)..... NUT (AP).....	88044	1		
15	AN960-1216L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
16	312-02270-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
17	AV16B1943B	.VALVULA (B0002)..... VALVE, SHUTOFF (B0002).....	73760	1		
18	AN3-22A	.PINO ROSCADO..... BOLT.....	88044	4		
18 A	MS35338-43	.ARRUELA..... WASHER.....		1		
19	AN960-10L	.ARRUELA..... WASHER, FLAT.....	88044	4		
20	4A-744-10-02	.ADAPTADOR..... ADAPTER.....	S4956	2		
21	312-02269-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
22	312-02268-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
23	312-02275-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
24	312-02274-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
25	312-08937-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
26	PE27010A4	.BRACADEIRA..... CLAMP.....	S4956	3		
27	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	4		
27 A	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		4		

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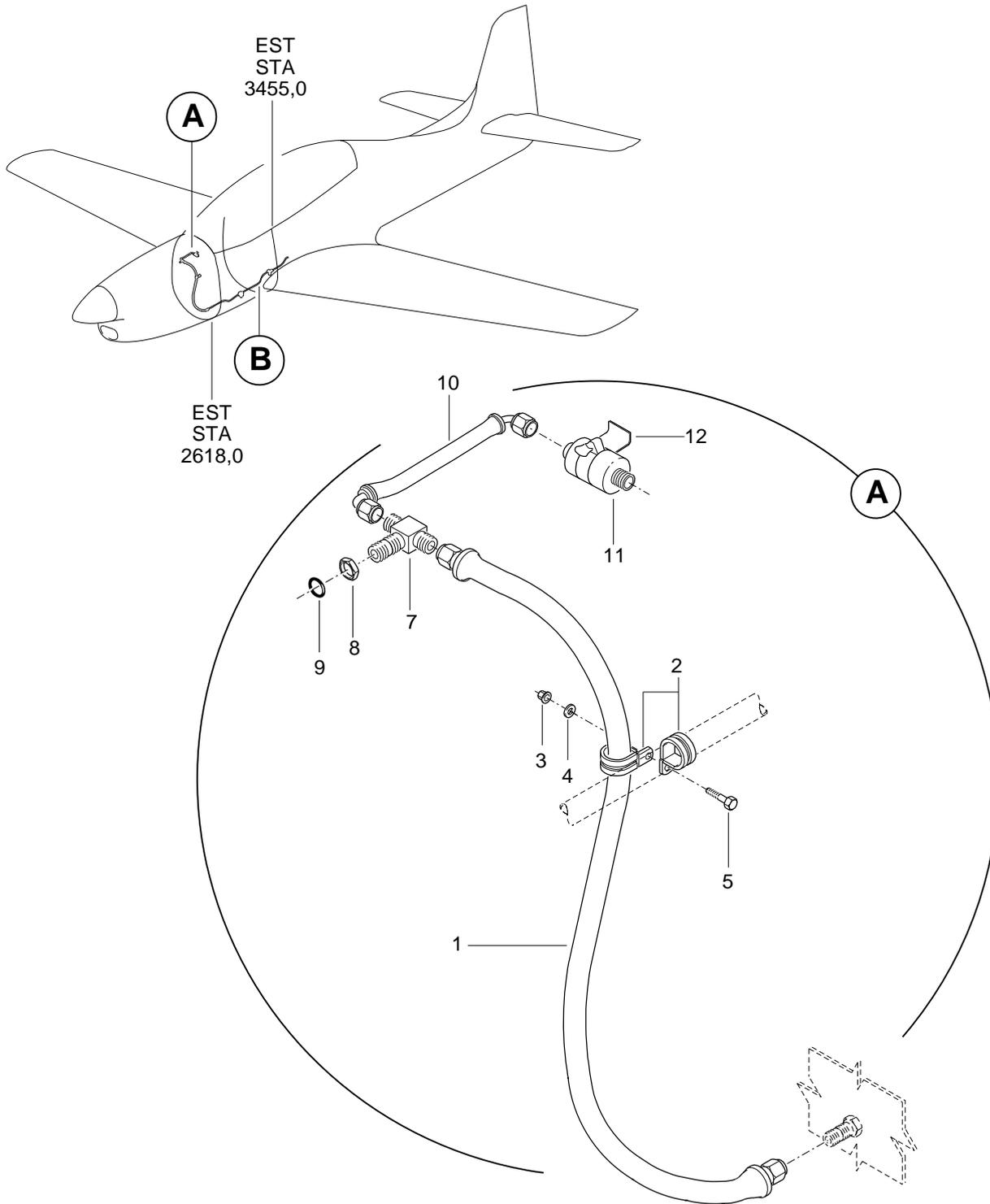
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
28	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	4		
28 A	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	8		
29	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
30	AN832-4D	.UNIAO..... UNION, FLARED TUBE, ALUMINUM.....	88044	1		
31	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
32	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	2		
33	MS29512-04	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
34	AS1033D040404	.CONEXAO, T-SIS HIDRAULICO, AL..... FITTING.....	81343	1		
35	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
36	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	1		
37	21SN04-142	.CONTACTOR MANOMETRICO (S0073)..... PRESSURE SWITCH (S0073).....		1		
38	AN3-6A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
39	AN3-7A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
39 A	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		3		
40	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	3		
40 A	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	1		
41	PE24016-20	.ESPACADOR..... SPACER.....	S4956	3		
42	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).....	S4956	3	006149	
	PE88001-5BB4	.PONTE LIGACAO, CONJ (B.I. 312-00-0003)..... JUMPER ASSY (I.B. 312-00-0003).....	S4956	3	006149	
	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB5)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5 ).....	S4956	3	150999	
	PE88001-5BB5	.METALIZACAO (B.I. 312-00-0003)..... BONDING I.B. 312-00-0003).....	S4956	3	150999	
43	AN833-4D	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	88044	2		
44	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
45	MS29512-04	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
46	625B-2-4-1	.VALVULA DE ALIVIO..... VALVE, RELIEF.....	09990	1		
47	MS29512-04	.ANEL DE VEDACAO..... RING, 'O'.....	96906	3		
48	AN832-4D	.UNIAO..... UNION, FLARED TUBE, ALUMINUM.....	88044	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
49	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
50	4A-744-21-85	.BUCHA..... BUSHING.....	S4956	1		
51	MS29512-08	.ANEL VEDACAO..... O'RING.....		3		
52	AN832-8D	.CONEXAO UNIAO..... FITTING.....	88044	2		
53	AN960-1216L	.ARRUELA PLANA..... WASHER, FLAT.....	88044	1		
54	AN924-8D	.PORCA..... NUT.....	88044	2		
55	MS29512-08	.ANEL VEDACAO..... O'RING.....		2		
56	AN938D8	.CONEXAO EM TE..... TEE, TUBE, INTERNAL THREAD, AL.....	88044	1		
57	AN815-8D	.CONEXAO-UNIAO REDUTORA, FLANGEADA, AL..... FITTING.....		1		
58	312-03803-001	.CONEXAO ESPECIAL..... FITTING, SPECIAL.....	S4956	1		
59	DI-1233D-OL	.DRENO..... DRAIN, FUEL.....	S4956	1		
60	MS20822-4D	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
61	02W051507	.FILTRO..... FILTER.....	00736	1		
	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	AR		
62	4A-744-21-97	.PINO ROSCADO (PF)..... BOLT (AP).....	S4956	2	006184	
	PE21098-5-16S	.PINO ROSCADO (PF)..... BOLT (AP).....	S4956	2	185999	
63	AN960-516	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
64	4A-744-21-14	.SUPORTE..... SUPPORT.....	S4956	1		
65	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
65 A	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		2		
66	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	2		
67	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
68		. SIST COMBUSTIVEL INSTL, ASA ESQ/DIR (VEJA FI G 28-20-00-10)..... FUEL SYSTEM INSTL, LH/RH WINGS (SEE FIG 28-20- 00-10).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 31 2332 (PRE MOD BS 312-28-0015) A AIRCRAFT 312006 THRU 312052, 312054 THRU 312148 AND 3 12150 THRU 312332 (PRE MOD SB 312-028-0015) B AVIOES 312006 A 312119, 312122 A 312136 (PRE MOD BS 312-73-0001) B AIRCRAFT 312006 THRU 312119, 312122 THRU 312136				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<p>(PRE MOD SB 312-073-0001)</p> <p>C AVIOES 312006 A 312119, 312122 A 312136 (POS MOD BS 312-73-0001), 312120, 312121, 312137 E SE GUINTES</p> <p>C AIRCRAFT 312006 THRU 312119, 312122 THRU 312136 (POST MOD SB 312-073-0001) 312120, 312121, 312137 AND ON</p>				



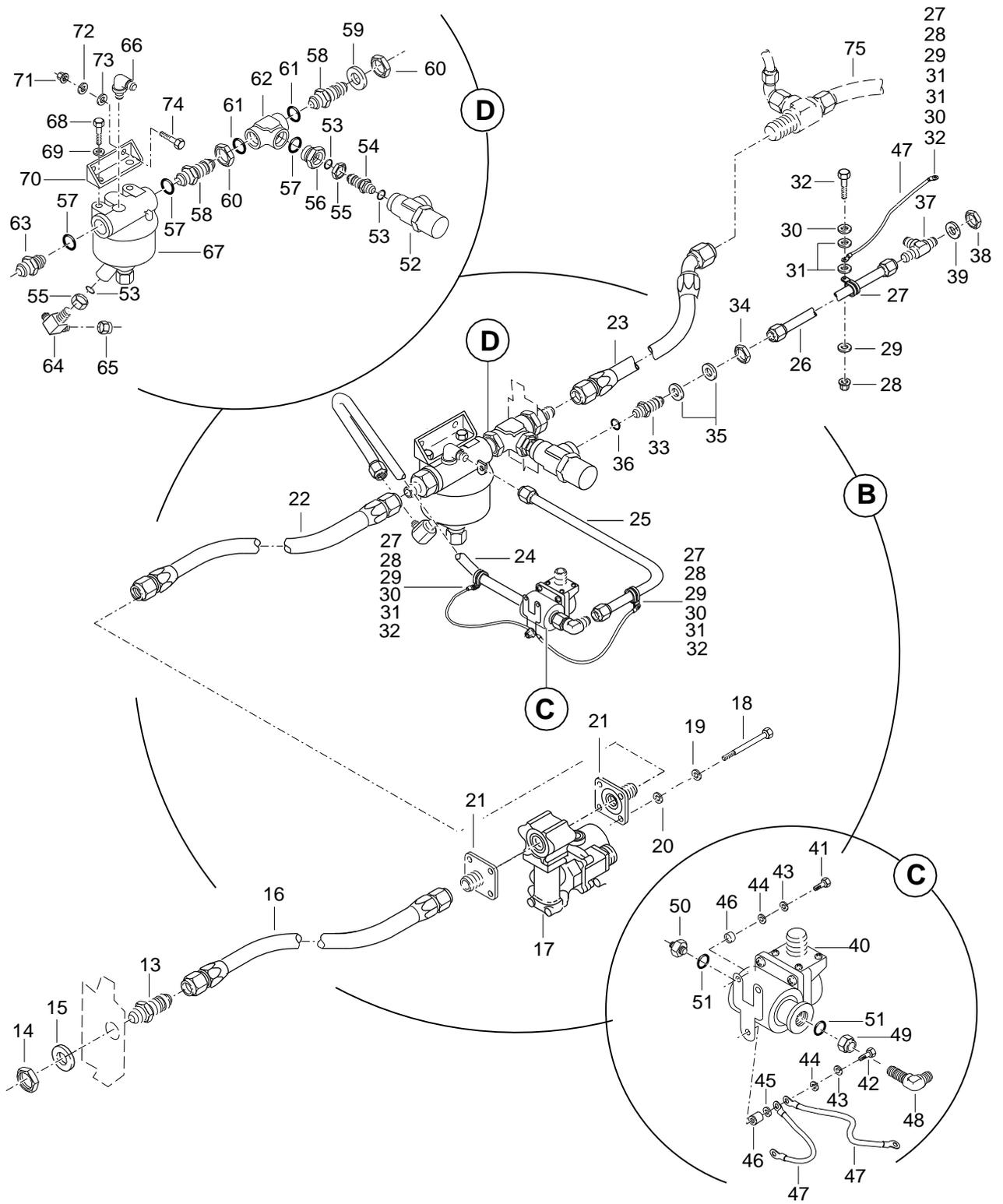
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FIGURA 05. SISTEMA DE COMBUSTIVEL INST, FUSELAGEM (FOLHA 1 DE 2)  
FIGURE 05. FUEL SYSTEM INSTL, FUSELAGE (SHEET 1 OF 2)

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FIGURA 05. SISTEMA DE COMBUSTIVEL INSTL, FUSELAGEM (FOLHA 2 DE 2)  
 FIGURE 05. FUEL SYSTEM INSTL, FUSELAGE (SHEET 2 OF 2)

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		SISTEMA DE COMBUSTIVEL INSTL, FUSELAGEM .....		REF		
		FUEL SYSTEM INSTL, FUSELAGE .....				
1	312-02271-001	.MANGUEIRA CONJ .....	001JK	1		
		CHOSE ASS Y .....				
2	MS21919WDG16	.BRACA DEIRA .....	96906	2		
		CLAMP ASSYL, ASBESTOS CUSHIONTEEL .....				
3	MS21042L3	.PORCA (PF) .....	96906	1		
		NUT (AP) .....				
4	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLA T (AP) .....				
5	AN3-3A	.PINO ROSCADO (PF) .....	88044	1		
		BOL T (AP) .....				
7	312-02267-001	.CONEXAO ESPECIAL .....	001JK	1		
		FITTING, SPECIAL .....				
8	NAS509-12	.PORCA .....	80205	1		
		NUT .....				
9	MS29512-08	.AN EL VEDACAO .....	96906	1		
		O'RING .....				
10	312-02272-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
11	1193P0070	.CONTACTOR MANOMETRICO (SOO74) .....	98087	1	B	
		PRESSURE SWITCH (SOO74) .....				
	1103P0458	.CONTACTOR (SOO74) .....	98087	1	C	
		PRESSURE SWITCH (SOO74) .....				
12	PE27021A1422	.BRACA DEIRA (PF) .....	001JK	1		
		CLAMP (AP) .....				
13	AN832-8	.UNIAO .....	88044	1		
		UNION .....				
14	AN924-8	.PORCA (PF) .....	88044	1		
		NUT (AP) .....				
15	AN960-1216L	.ARRUELA PLANA (PF) .....	88044	1		
		WASHER, FLA T (AP) .....				
16	312-02270-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
17	AV1 6B 1 943B	.VALVULA (80002) .....	73760	1		
		VAL VE, SHUTOFF (B0002) .....				
18	AN3-22A	.PINO ROSCADO .....	88044	4		
19	MS35338-43	.ARRUELA .....		1		
		WASHER .....				
20	AN960-10L	.ARRUELA .....	88044	4		
		WASHER, FLA T .....				
21	4A-744-10-02	.ADAPTADOR .....	001JK	2		
		ADAPTER .....				
22	312-02269-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
23	312-02268-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
24	312-15616-001	.TUBO CONJ (PRE MOD BS 312-28-0015) .....	001JK	1		
		TUBE ASSY (PRE MOD SB 312-28-0015) .....				
	312-16201-001	TUBO, CONJ-SIS COMBUSTIVEL ASA (POS BS 312-28-0015)	001JK	1		
		TUBE ASSY-WING FUEL SYS (POST MOD SB 312-28-0015).				
	AN833-4D	.CONEXAO, 90 GRAUS (POS BS 312-28-0015) .....	88044	1		
		FITTING-90 DEG (POST MOD SB 312-28-0015) .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05	AN924-4D	PORCA (POS BS 312-28-0015) .....	88044	1		
		NUT (POST MOD SB 312-28-0015).....				
25	312-02274-001	.TUBO CONJ (PRE MOD BS 312-28-0015) .....	001JK	1	D	
		TUBE ASSY (PRE MOD SB 312-28-0015).....				
	312-16202-001	.TUBO CONJ (POS BS 312-28-0015) .....	001JK	1	E	
		TUBE,ASSY (POST MOD SB 312-28-0015).....				
	AN833-4D	CONEXAO,90 GRAUS (POS BS 312-28-0015) .....	88044	1		
		FITTING-90 DEG (POST MOD SB 312-28-0015) .....				
	AN815-4D	CONEXAO,RETA-COM FLANGE (POS BS 312-28-0015) .....	88044	1		
		FITTING-ADAPTER,STRAIGHT,FLARED (POST MOD SB 312-28-0015).....				
26	312-08937-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
27	PE27010A4	BRACADEIRA .....	001JK	3		
		CLAMP .....				
28	MS21042L3	.PORCA (PF) .....	96906	4		
		NUT (AP) .....				
29	MS35338-43	.ARRUELA (PF) .....		4		
		WASHER (AP) .....				
30	AN960-10L	.ARRUELA (PF).....	88044	4		
		WASHER,FLA T (AP) .....				
31	NAS1197-10L	.ARRUELA (PF) .....	80205	8		
		WASHER (AP) .....				
32	AN3-3A	.PINO ROSCADO (PF) .....	88044	4		
		BOL T (AP) .....				
33	AN832-4D	.UNIAO .....	88044	1		
		UNION, FLARED TUBE,ALUMINUM .....				
34	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT (AP) .....				
35	AN960-716L	.ARRUELA PLANA,ACO (PF) .....	88044	2		
		WASHER (AP) .....				
36	MS29512-04	.PANEL DE VEDACAO .....	96906	1		
		RING, 'O'.....				
37	AS1033D040404	.CONEXAO.T-SIS HIDRAULICO,AL .....	81343	1		
		FITTING .....				
38	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT (AP) .....				
39	AN960-716L	.ARRUELA PLANA,ACO (PF) .....	88044	1		
		WASHER (AP) .....				
40	21SN04-142	.CONTACTOR MANOMETRICO (SOO73) .....		1		
		PRESSURE SWITCH (SOO73) .....				
41	AN3-6A	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP) .....				
42	AN3-7A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP) .....				
43	MS35338-43	.ARRUELA (PF) .....		3		
		WASHER (AP) .....				
44	AN960-10L	.ARRUELA (PF).....	88044	3		
		WASHER,FLA T (AP) .....				
45	NAS1197-10L	.ARRUELA (PF).....	80205	1		
		WASHER (AP) .....				
46	PE24016-20	.ESPACADOR .....	001JK	3		
		SPACER .....				

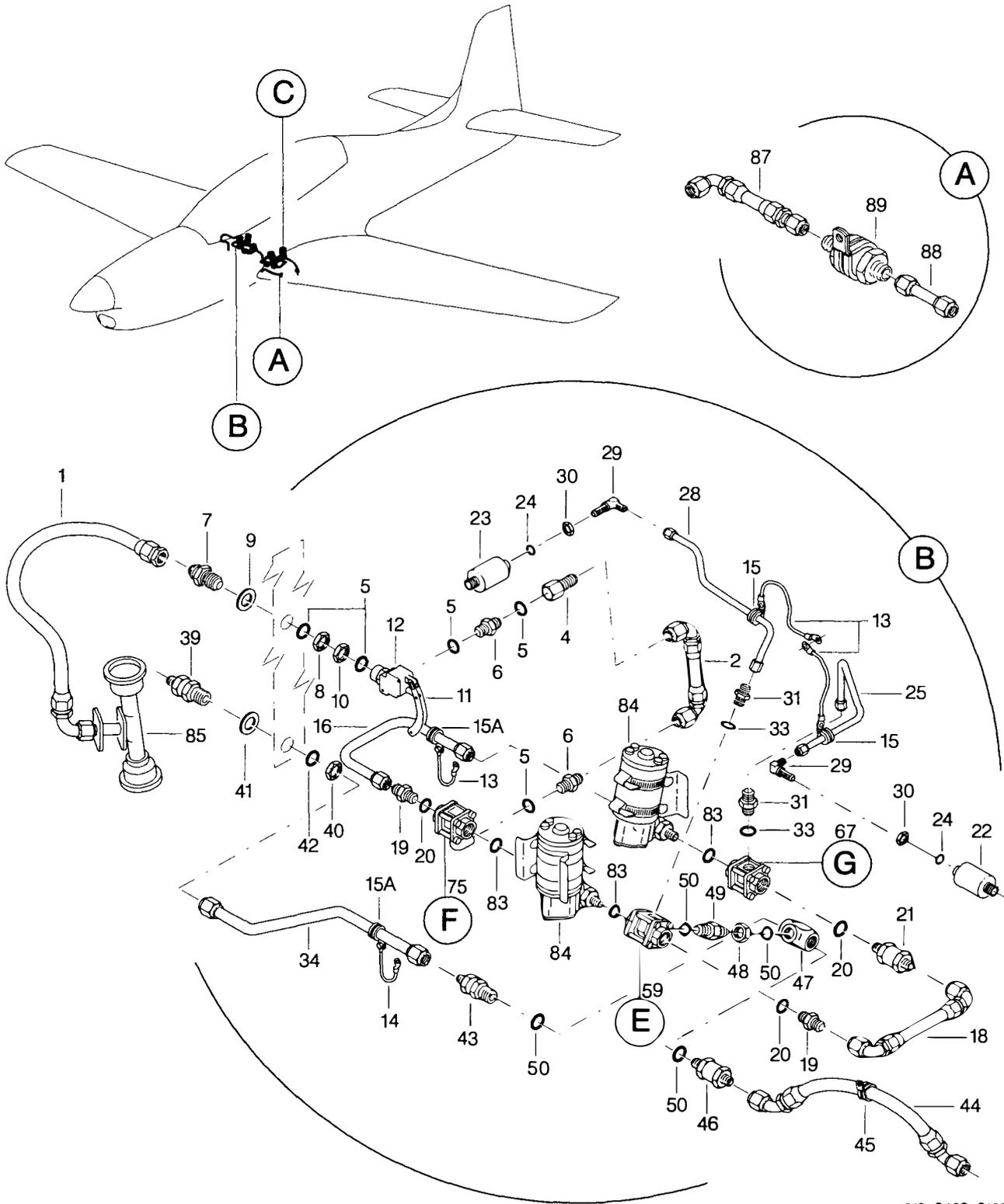
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05	47	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5) . BONDING (FOR REPLACEMENT USE PIN=PEB8001-5BB4) .	001JK	3	006149
		PE88001-5BB4	.PONTE LIGACAO,CONJ (BI 312-00-0003) ..... JUMPER ASSY (IB 312-00-0003) .....	001JK	3	006149
		PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001- 5885) .....	001JK	3	150999
		PE88001-5BB5	.METALIZACAO (B1 312-00-0003)..... BONDING (IB 312-00-0003) .....	001JK	3	
	48	AN833-4D	.CONEXAO 90 GRAUS ..... ELBOW, 90-DEGREE.....	88044	1	
	49	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	1	
	50	AN815-4D	.CONEXAO-UNIAO..... FITTING .....	88044	1	
	51	MS29512-04	.ANEL DE VEDACAO ..... RING, 'O'.....	96906	2	
	52	6258-2-4-1	. VALVULA DE ALIVIO ..... VAL VE, RELIEF .....	09990	1	
	53	MS29512-04	.ANEL DE VEDACAO ..... RING, 'O'.....	96906	3	
	54	AN832-4D	.UNIAO .....	88044	1	
	55	AN924-4D	UNION, FLARED TUBE,ALUMINUM ..... .PORCA SEXTAVADA PLANA .....	88044	2	
	56	4A-744-21-85	.BUCHA..... BUSHING .....	001JK	1	
	57	MS29512-08	.ANEL VEDACAO ..... O'RING .....		3	
	58	AN832-8D	.CONEXAO UNIAO..... FITTING .....	88044	2	
	59	AN960-1216L	.ARRUELA PLANA. .... WASHER, FLA T.....	88044	1	
	60	AN924-8D	.PORCA ..... NUT.....	88044	2	
	61	MS29512-08	.AN EL VEDACAO ..... O'RING .....	96906	2	
	62	AN938D8	.CONEXAO EM TE ..... TEE, TUBE,INTERNAL THREAO,AL .....	88044	1	
	63	AN815-8D	.CONEXAO-UNIAO REDUTORA.FLANGEADA,AL ..... FITTING .....	88044	1	
	64	312-03803-001	.CONEXAO ESPECIAL ..... FITTING, SPECIAL .....	001JK	1	
	65	DI-1233D-OL	.DRENO..... DRAIN,FUEL .....	001JK	1	
	66	MS20822-4D	.CONEXAO 90 GRAUS ..... ELBOW, 90-OEGREE .....	96906	1	
	67	02W051507	.FILTRO ..... FIL TER .....	00736	1	
		MS20995C32	.ARAME DE FRENO (PF) ..... LOCKWIRE (AP) .....	96906	AR	
	68	4A-744-21-97	.PINO ROSCADO (PF) ..... BOL T (AP) .....	001JK	2	006184

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05	PE21098-5-16S	.PI NO ROSCADO (PF) .....	001JK	2	185999	
		BOLT (AP) .....				
69	AN960-516	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
70	4A-744-21-14	.SUPORTE .....	001JK	1		
		SUPPORT .....				
71	MS21042L3	.PORCA (PF) .....	96906	2		
		NUT (AP) .....				
72	MS35338-43	.ARRUELA (PF) .....		2		
		WASHER (AP) .....				
73	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER,FLAT (AP) .....				
74	AN3-3A	.PINO ROSCADO (PF).....	88044	2		
		BOLT (AP) .....				
75		.SIST COMBUSTIVEL INSTL, ASAS ESQ/DIR (VEJA FIG 28-20-00-10) .....		REF		
		FUEL SYSTEM INSTL, LH/RH WINGS (SEE FIG 28-20-00-10)				
		EFETIVIDADES				
		USAGE CODE LIST				
		A AVIOES 312006 A 312052, 312054 A 312148, 312150 A 312332 (POS MOD BS 312-028-0015), 312053, 312149, 312333 E SEGUINTE				
		A AIRCRAFT 312006 THRU 3 12052, 312054 THRU 312148, 312150 THRU 312332 (POST MOD SB 3 12-028-0015), 312053, 312149, 312333 AND ON				
		B AVIOES 312006 A 312119, 312122 A 312136(PRE MOD BS 312-073-0001)				
		B AIRCRAFT 312006 THRU 312119, 312122 THRU 312136(PRE MOD SB 312-073-0001)				
		C AVIOES 312006 A 312119, 312122 A 312136 312006 A 312052, 312054 A 312148, 312150 A				
		C AIRCRAFT 312006 THRU 312119, 312122 THRU 312136(POST MOD SB 312-073-0001), 312120, 312121, 312137 AND ON				
		D AVIOES 312006 A 312052, 312054 A 312148, 312150 A 312339, 312341, 312342, 312357, 312358, 312360, 312361, 312366, 312367, 312369, 312372, 312374, 312375, 312378 A 312380, 312384 A 312386, 312389 A 312391, 312393 A 312395				
		D AIRCRAFT 312006 THRU 312052, 312054 THRU 312148, 312150 THRU 312339, 312341, 3 12342, 312357, 312358, 312360, 312361, 312366 312367, 312369, 312372, 312374, 312375 312378 THRU 312380, 312384 THRU 312386, 312389 THRU 312391, 312393 THRU 312395				
		E AVIOES 312381 A 312383, 312387, 312388, 312392, 312396 E SEGUINTE				
		E AIRCRAFT 31238 1 THRU 312383, 312387, 312388, 312392, 312396 AND ON				

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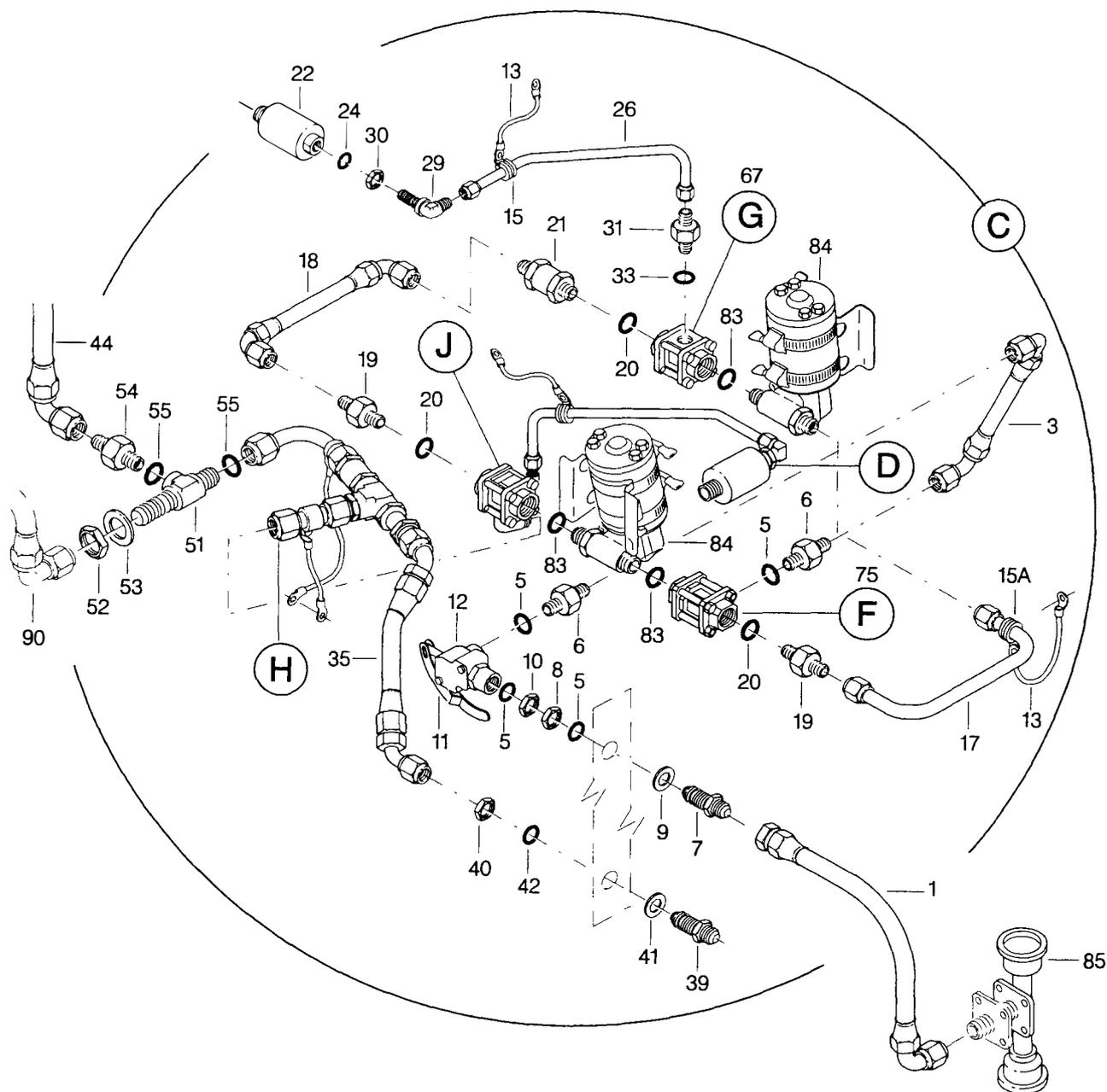


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FIGURA 10. SISTEMA DE COMBUSTIVEL INSTL, ASA ESQ/DIR (FOLHA 1 DE 3)  
FIGURE 10. FUEL SYSTEM INSTL, LH/RH WINGS (SHEET 1 OF 3)

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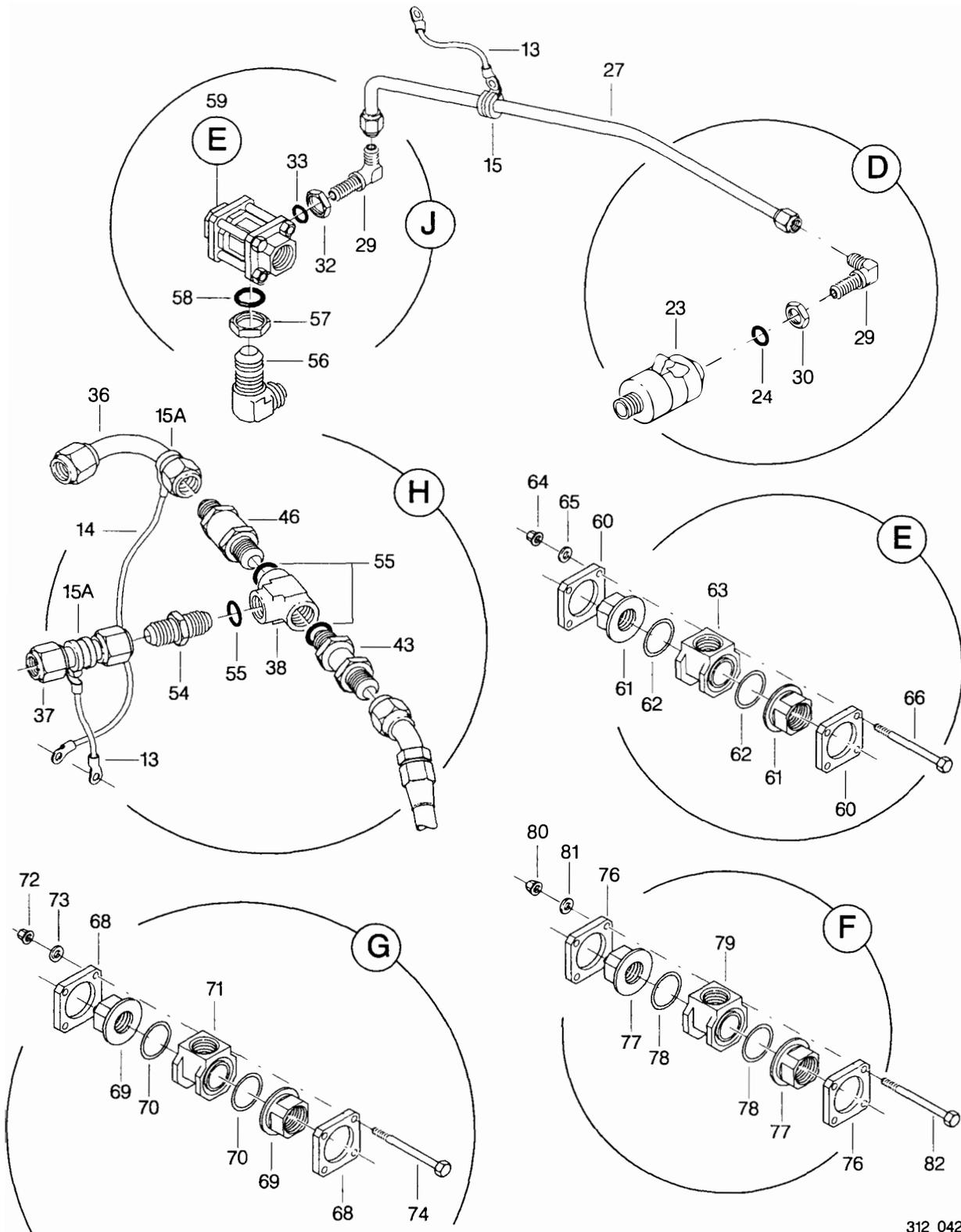


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FIGURA 10. SISTEMA DE COMBUSTIVEL INSTL, ASA ESQ/DIR (FOLHA 2 DE 3)  
 FIGURE 10. FUEL SYSTEM INSTL, LH/RH WINGS (SHEET 2 OF 3)

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FIGURA 10. SISTEMA DE COMBUSTIVEL INSTL, ASA ESQ/DIR (FOLHA 3 DE 3)  
 FIGURE 10. FUEL SYSTEM INSTL, LHRH WINGS (SHEET 3 OF 3)

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		SISTEMA DE COMBUSTIVEL INSTL, ASA ESQ/DIR .....		REF	A	
		FUEL SYSTEM INSTL, LH/RH WINGS .....				
1	312-02256-001	.MANGUEIRA CONJ .....	001JK	2		
		HOSE ASSY .....				
2	312-02258-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
3	312-02257-001	.MANGUEIRA CONJ .....	001JK	1		
		HOSE ASSY .....				
4	PE41068-D8	ADAPTADOR ADAPTER .....	001JK	1		
5	MS29512-08	.ANEL VEDACAO .....		9		
		O'RING .....				
6	MS24392D8	.UNIAO .....	96906	4		
		UNION .....				
7	312-03944-001	.UNIAO .....	001JK	2		
		UNION .....				
8	AN6289D8	.PORCA (PF) .....	88044	2		
		NUT(AP).....				
9	AN960-1216L	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER,FLAT (AP) .....				
10	AN924-8D	.PORCA .....	88044	2		
		NUT.....				
11	312-02265-001	.ALAVANCA CONJ .....	001JK	2		
		LEVER ASSY .....				
	MS20995C32	.ARAME DE FRENO .....	96906	AR		
		WIRE-LOCK,SSTEEL .....				
	A1553-012-1	.PORCA .....	78553	4		
		NUT .....				
	AN960-3L	.ARRUELA PLANA .....	88044	8		
		WASHER,FLAT (AP) .....				
	AN123173	.REBITE .....	88044	4		
		RIVET .....				
12	800411-00	.VALVULA DE CORTE (ALTERNATIVA USE P/N DI-1222-16-0L) .....	53655	2		
		VALVE, SHUTOFF (ALTERNATIVE USE P/N DI-1222-1 6-0L) .....				
	PE21044-6-24	.PARAFUSO CABECA CILINDRICA COM SEXT (PF) .....	001JK	4	N	
		SCREW (AP) .....				
	AN3-13A	.PARAFUSO-CABECA HEXAGONAL,ACO (PF) .....	88044	4	M	
		BOLT (AP) .....				
	AN960-10L	.ARRUELA (PF) .....	88044	4		
		WASHER,FLAT (AP) .....				
	AN960-10	.ARRUELA PLANA (PF) .....	88044	8	N	
		WASHER,FLAT (AP) .....				
13	PEBB001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB4) BONDING (FOR REPLACEMENT USE P/N PE88001-5BB4) ...	001JK	7		
	PE88001-5BB4	.PONTE LIGACAO,CONJ (BI 312-00-0003) .....	001JK	7		
		JUMPER ASSY (IB 312-00-0003).....				
14	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB5) BONDING (FOR REPLACEMENT USE P/N PE88001-5BB5)	001JK	2	B	
	PE88001-5BB5	.METALIZACAO (BI 312-00-0003).....	001JK	2	B	
		BONDING (IB 312-00-0003).....				
	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB5) BONDING (FOR REPLACEMENT USE P/N PE88001-5BB5) .	001JK	1	B	
	PE88001-5BB5	.METALIZACAO (BI 312-00-0003) .....	001JK	1	C	

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		<i>BONDING (IB 312-00-0003) .....</i>				
15	PE27010A4	.BRACADEIRA .....	001JK	4		
		<i>CLAMP .....</i>				
15A	PE27010A8	.BRACADEIRA .....	001JK	5	B	
		<i>CLAMP .....</i>				
	PE27010A8	.BRACADEIRA .....	001JK	4	C	
		<i>CLAMP .....</i>				
	M821042L3	.PORCA (PF) .....	96906	16		
		<i>NUT (AP) .....</i>				
	AN960-10L	.ARRUELA (PF).....	88044	16	B	
		<i>WASHER, FLAT (AP) .....</i>				
	AN960-10L	.ARRUELA (PF) .....	88044	14	C	
		<i>WASHER,FLAT (AP) .....</i>				
	AN3-3A	.PINO ROSCADO (PF) .....	88044	14	B	
		<i>BOLT (AP) .....</i>				
	AN3-3A	.PINO ROSCADO (PF) .....	88044	12	C	
		<i>BOLT (AP) .....</i>				
	NA81197-10L	.ARRUELA (PF) .....	80205	30	B	
		<i>WASHER AP) .....</i>				
	NA81197-10L	.ARRUELA (PF) .....	80205	26	C	
		<i>WASHER AP) .....</i>				
	M835338-43	.ARRUELA (PF) .....		16	B	
		<i>WASHER (AP) .....</i>				
	M835338-43	.ARRUELA (PF) .....		14	C	
		<i>WASHER (AP) .....</i>				
	AN3-4A	.PINO ROSCADO (PF).....	88044	3		
		<i>BOLT (AP) .....</i>				
16	312-02264-001	.TUBO CONJ .....	001JK	1		
		<i>TUBE ASSY .....</i>				
17	312-08928-001	.TUBO CONJ.....	001JK	1	006359	
		<i>TUBE ASSY .....</i>				
	312-16030-001	.TUBO CONJ.....	001JK	1	360999	
		<i>TUBE ASSY .....</i>				
18	312-02259-001	.MANGUEIRA CONJ .....	001JK	2		
		<i>HOSE ASSY .....</i>				
19	M824392D8	.UNIAO .....	96906	4		
		<i>UNION .....</i>				
20	M829512-08	.ANEL VEDACAO .....		6		
		<i>O'RING .....</i>				
21	M828884A-8	.VALVULA UNIDIRECIONAL .....	96906	2		
		<i>VALVE, FUEL CHECK .....</i>				
22	6607A2-104	.CONTACTOR MANOMETRICO (S0045, S0047) .....		2		
		<i>CONTACTOR, MANOMETRIC (S0045, S0047) .....</i>				
23	6607A2-105	.CONTACTOR MANOMETRICO (S0044, S0046) .....		2		
		<i>CONTACTOR MANOMETRIC (S0044, S0046) .....</i>				
	AN737TW48	.BRACADEIRA AJUSTAVEL,PMANG,INOX .....	88044	4		
		<i>CLAMP, HOSE, WORM SCREW CRES .....</i>				
24	M829513-012	.ANEL VEDACAO .....	96906	4		
		<i>O'RING .....</i>				
25	312-06481-001	.TUBO CONJ.....	001JK	1		
		<i>TUBE ASSY .....</i>				
26	312-06482-001	.TUBO CONJ.....	001JK	1		
		<i>TUBE ASSY .....</i>				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10						
27	312-06483-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
28	312-06484-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
29	AN833-4D	.CONEXAO 90 GRAUS .....	88044	5		
		ELBOW, 90-DEGREE .....				
30	AN924-4D	.PORCA SEXTAVADA PLANA (PF) .....	88044	4		
		NUT (AP) .....				
31	MS24392D4	.CONEXAO UNIAO .....	96906	3		
		UNION, TUBE, PRECISION TYPE .....				
32	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	1		
		NUT .....				
33	MS29513-012	.ANEL VEDACAO .....	96906	4		
		O'RING .....				
34	312-12346-001	.TUBO CONJUNTO .....	001JK	1	B	
		TUBE ASSY .....				
	312-15974-001	.MANGUEIRA CONJ .....	001JK	1	C	
		HOSE ASSY .....				
	312-06080-001	.TUBO CONJ .....	001JK	1	E	
		TUBE ASSY .....				
35	312-12347-001	.MANGUEIRA CONJ .....	001JK	1	D	
		HOSE ASSY .....				
	312-10740-001	.MANGUEIRA CONJ .....	001JK	1	E	
		HOSE ASSY .....				
36	312-10517-001	.TUBO CONJ .....	001JK	1	006359	
		TUBE ASSY .....				
	312-16029-001	.TUBO CONJ .....	001JK	1	360999	
		TUBE ASSY .....				
37	312-06081-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
38	312-12619-001	.CONEXAO ESPECIAL .....	001JK	1	D	
		SPECIAL CONNECTION .....				
	AN938D8	.CONEXAO EM TE .....	88044	1	E	
		TEE, TUBE, INTERNAL THREAD, AL .....				
39	AN832-8D	.CONEXAO UNIAO .....	88044	2		
		FITTING .....				
40	AN6289D8	.PORCA (PF) .....	88044	2		
		NUT (AP) .....				
41	AN960-1216L	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
42	MS29512-08	.ANEL VEDACAO .....		2		
		O'RING .....				
43	312-06077-503	.FILTRO CONJ .....	001JK	2	D	
		FILTER ASSY .....				
	MS24392D8	.UNIAO .....	96906	1	E	
		UNION .....				
	MS29512-08	.ANEL VEDACAO .....		1	E	
		O'RING .....				
	312-06079-001	..CARCACA .....	001JK	1	D	
		BODY .....				
	312-12451-001	.FILTRO .....	001JK	1	D	
		FILTER .....				
	312-12343-001	.. UNIAO ESPECIAL .....	001JK	1	D	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		<i>SPECIAL, UNION</i> .....				
	MS29512-08	.. ANEL VEDACAO .....		1	D	
		<i>O'RING</i> .....				
44	312-06083-001	.MANGUEIRA CONJ .....	001JK	1		
		<i>HOSE ASSY</i> .....				
45	MS21919WDG11	.BRACADEIRA .....	96906	1		
		<i>CLAMP ASSYL,ASBESTOS CUSHIONTEEL</i> .....				
	MS21042L3	.PORCA .....	96906	1		
		<i>NUT</i> .....				
	AN960-10L	.ARRUELA (PF).....	88044	1		
		<i>WASHER,FLAT (AP)</i> .....				
	AN3-3A	.PINO ROSCADO (PF) .....	88044	1		
		<i>BOLT (AP)</i> .....				
46	MS28884A-8	.VALVULA UNIDIRECIONAL .....	96906	2		
		<i>VALVE, FUEL CHECK</i> .....				
47	312-12619-001	.CONEXAO ESPECIAL .....	001JK	1	D	
		<i>SPECIAL CONNECTION</i> .....				
	AN938D8	.CONEXAO EM TE .....	88044	1	E	
		<i>TEE, TUBE, INTERNAL THREAD,AL</i> .....				
48	AN924-8D	.PORCA .....	88044	1		
		<i>NUT</i> .....				
49	AN832-8D	.CONEXAO UNIAO .....	88044	1		
		<i>FITTING</i> .....				
50	MS29512-08	.ANEL VEDACAO .....		4		
		<i>O'RING</i> .....				
51	AN78308	.TE .....	88044	1		
		<i>TEE</i> .....				
	312-04168-001	.INSCRICAO TECNICA .....	001JK	3		
		<i>PLACARD</i> .....				
52	AN924-8D	PORCA (PF) .....	88044	1		
		<i>NUT (AP)</i> .....				
53	AN960-1216L	.ARRUELA PLANA (PF) .....	88044	1		
		<i>WASHER, FLAT (AP)</i> .....				
54	MS24392D8	.UNIAO .....	96906	2	D	
		<i>UNION</i> .....				
	AN815-8D	.CONEXAO-UNIAO REDUTORA,FLANGEADA,AL .....		2	E	
		<i>FITTING</i> .....				
55	MS29512-08	.ANEL VEDACAO .....		5		
		<i>O'RING</i> .....				
56	AN833-8D	.CONEXAO 90 GRAUS .....	88044	1		
		<i>ELBOW, 90-DEGREE</i> .....				
57	AN924-8D	.PORCA .....	88044	1		
		<i>NUT</i> .....				
58	MS29512-08	.ANEL VEDACAO .....		1		
		<i>O'RING</i> .....				
59	312-02250-001	.CONEXAO ESPECIAL CONJ .....	001JK	2		
		<i>FITTING ASSY, SPECIAL.. FLANGE-CONEXAO</i> .....				
60	312-02253-001	.FLANGE-CONEXAO .....	001JK	2		
		<i>FLANGE-CONNECTION</i> .....				
61	312-02252-001	.LUIVA .....	001JK	2		
		<i>SLEEVE</i> .....				
62	MS29513-120	.ANEL DE VEDACAO .....	96906	2		
		<i>O'RING</i> .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10						
63	312-02255-001	.CORPO .....	001JK	1		
		BODY .....				
64	MS21042-3	.PORCA (PF) .....	96906	4		
		NUT (AP).....				
65	AN960-10L	.ARRUELA (PF) .....	88044	8		
		WASHER, FLAT (AP) .....				
66	AN3-20A	.PINO ROSCADO (PF) .....	88044	4		
		BOLT (AP) .....				
67	312-02248-001	.CONEXAO ESPECIAL CONJ .....	001JK	2		
		FITTING ASSY, SPECIAL .....				
68	312-02253-001	..FLANGE-CONEXAO .....	001JK	2		
		FLANGE-CONNECTION .....				
69	312-02252-001	..LUVA .....		2		
		SLEEVE .....	001JK			
70	MS29513-120	..ANEL DE VEDACAO .....		2		
		O'RING.....	96906			
71	312-02251-001	..CORPO .....		1		
		BODY .....	001JK			
72	MS21042-3	..PORCA (PF) .....		4		
		NUT (AP).....	96906			
73	AN960-10L	..ARRUELA (PF).....		4		
		WASHER, FLAT (AP) .....	88044			
74	AN3-16A	..PINO ROSCADO (PF) .....		4		
		BOLT (AP) .....	88044			
75	312-02249-001	.CONEXAO ESPECIAL CONJ .....		2		
		FITTING ASSY, SPECIAL .....	001JK			
76	312-02253-001	..FLANGE-CONEXAO .....		2		
		FLANGE-CONNECTION.....	001JK			
77	312-02252-001	..LUVA .....		2		
		SLEEVE .....	001JK			
78	MS29513-120	..ANEL DE VEDACAO .....		2		
		O'RING.....	96906			
79	312-02254-001	..CORPO .....		1		
		BODY .....	001JK			
80	MS21042-3	..PORCA (PF) .....		4		
		NUT (AP).....	96906			
81	AN960-10L	..ARRUELA (PF) .....		8		
		WASHER,FLAT (AP) .....	88044			
82	AN3-20A	..PINO ROSCADO (PF) .....		4		
		BOLT(AP) .....	88044			
83	MS29512-08	.ANEL VEDACAO .....		6		
		O'RING .....				
84	2B7-38	.BOMBA DE COMBUSTIVEL (B0004, B0005, B0006, B0007) ..	26433	4		
		PUMP, FUEL BOOSTER (B0004, B0005, B0006,B0007) .....				
	PE27021-5776	.BRACADEIRA .....	001JK	8		
		CLAMP .....				
	312-10061-001	.INSCRICAO TECNICA .....	001JK	2		
		PLACARD .....				
	312-10062-001	.INSCRICAO TECNICA .....	001JK	2		
		PLACARD .....				
	120-13612-001	.INSCRICAO TECNICA .....	001JK	1		
		PLACARD .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10	85	312-12720-501	.PESCADOR DE COMBUSTIVEL CONJ (PARA DETALHES VEJA FIG 28-20-00- 15) .....	001JK	2	K
		<i>PENDULOUS FUEL INTAKE ASSY (FOR DETAILS SEE FIG 28-20-00- 15) .....</i>				
		312-12720-001	.PESCADOR COMBUSTIVEL-CONJ.....	001JK	2	J
		<i>DOUBLE ENDED FUEL PICK .....</i>				
		312-09833-001	.PESCADOR COMBUSTIVEL .....	001JK	2	H
		<i>FISH PLUNGER .....</i>				
		AN3-6A	.PINO ROSCADO (PF) .....	88044	8	
		<i>BOLT (AP) .....</i>				
		AN960-10L	.ARRUELA (PF).....	88044	8	
		<i>WASHER,FLAT (AP) .....</i>				
		MS35338-43	.ARRUELA (PF).....		2	L
		<i>WASHER (AP) .....</i>				
	87	312-10458-001	.MANGUEIRA CONJ.....	001JK	1	
		<i>HOSE ASSY .....</i>				
	88	312-10457-001	.TUBO CONJ .....	001JK	1	
		<i>TUBE ASSY .....</i>				
	89	1126-00-5	.VALVULA .....	09445	1	
		<i>VALVE, FUEL CHECK .....</i>				
		MS21919WDG17	.BRACADEIRA .....	96906	1	
		<i>CLAMP ASSYL,ASBESTOS CUSHIONTEEL .....</i>				
		AN3-3A	.PINO ROSCADO (PF) .....	88044	1	
		<i>BOLT (AP) .....</i>				
		AN960-10L	.ARRUELA (PF) .....	88044	1	
		<i>WASHER, FLAT (AP) .....</i>				
	90		UTILIZACAO ESPECIFICA USO TEAAIT SIST COMBUSTIVEL INSLT, FUSELAGEM (VEJA FIG 28-20-00-05) .....		REF	F
			<i>FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00-05) ..</i>			
			UTILIZACAO ESPECIFICA USO TEAVA IT SIST COMBUSTIVEL INSTL, FUSELAGEM (VEJA FIG 28-20-00-01 )		REF	G
			<i>FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00-01) ....</i>			
			EFETIVIDADES USAGE CODE LIST			
			A (PRE MOD BS 312-00-0003)			
			<i>A (PRE MOD SB 312-00-0003)</i>			
			B AVIOES 312006 A 312144 (POS MOD BS 312-28-0007), 312145 A 312379 (PRE MOD BS 312-28-0016)			
			<i>B AIRCRAFT 312006 THRU 312 144 (POST MOD SB 312-28-0007), 312145 THRU 312379 (PRE MOD SB 312-28-0016)</i>			
			C AVIOES 312006 A 312379 (POS MOD BS 312-28-0016), 312380 E SEGUINTE			
			<i>C AIRCRAFT 312006 THRU 312379 (POST MOD SB 312-28-00 1 6), 312380 AND ON</i>			
			D AVIOES 312006 A 312144 (POS MOD BS 312-28-0007), 312145 E SEGUINTE			
			<i>D AIRCRAFT 312006 THRU 312144 (POST MOD SB 3 12-28- 0007),312145 AND ON</i>			
			E AVIOES 312006 A 312144 (PRE MOD BS 312-28-0007)			
			<i>E AIRCRAFT 312006 THRU 312144 (PRE MOD SB 312-28-0007)</i>			
			F AVIOES 312006 A 312052, 312054 A 312148, 312150 A 312332 (POS MOD BS 312-28-0015), 312053, 312149, 312333 E SEGUINTE			

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REVISÃO 9  
CHANGE 9

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		<p><i>F AIRCRAFT 312006 THRU 312052, 312054 THRU 312148, 312150 THRU 312332 (POST MOD SB 312-28-0015), 312053, 312 149, 312333 AND ON</i></p> <p><i>G AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 312332 (PRE MOD BS 312-28-0015)</i></p> <p><i>G AIRCRAFT 312006 THRU 312052, 312054 THRU 312148 AND 312150 THRU 312332(PRE MOD SB 3 12-28-0015)</i></p> <p><i>H AVIOES 312005 A 312008,312011,312016 A 312030,312032,312034 A 312090, 312098, 312099, 312108, 312109, 312113,312114, 312118 E 312119 (PRE MOD BS 312-28-0001)</i></p> <p><i>H AIRCRAFT 312005 THRU 312008,312011, 312016 THRU 312030,312032,312034 THRU 312090,312098,312108,312109,312113,312114,312118 AND 312119 (PRE MOD SB312-28-0001)</i></p> <p><i>J AVIOES 312009,312010,312012 A 312015,312031,312033,312091 A 312097,312100 A 312107,312110 A 312112,312115 A 312117 A 312097,312100 A 312107,312110 A 312112,312115 A 312117, 312163, 312167 A 312171,312175 E 312176 (PRE MOD BS 312-28-0001)</i></p> <p><i>J AIRCRAFT 312009,312010,312012 THRU 312015,312031,312033, 312091 THRU 312097,312100 THRU 312107, 312110 THRU 312112, 312115 THRU 312117,312120 THRU 312130,312137,312138,312142 THRU 312155,312159 THRU 312163,312167 THRU 312171, 312175 AND312176(PRE MOD SB 3 12-28-0001)</i></p> <p><i>K AVIOES 312005 A 312130,312137,312138, 312142 A 312155, 312159 A 312163,312167 A 312171,312175 E 312176 (POS MOD BS 312-28-0001)312131 A 312136,312139 A 312141,312156 A 312158,312164 A 312166,312172 A 312174,312177 E SEGUINTES</i></p> <p><i>K AIRCRAFT 312005 THRU 312130,312137,312138,312142 THRU 312155,312159 THRU 312163,312167 THRU 312171,312175 AND 312176(POST MOD SB 312-28-0001),312131 THRU 312136,312139 312141,312156 THRU 312158,312164 THRU 312166,312172 THRU 312174,312177 ANDON</i></p> <p><i>L AVIOES 312005 A 312008,312011,312016 A 312030,312032,312034 A 312090,312098,312099,312108,312109, 312113, 312114, 312118 E 312119 (POS MOD BS 312-28-0001),312131 A 312136, 312139 A 312141,312156 A 312158,312164 A 312166, 312172 A 312174,312177 E SEGUINTES</i></p> <p><i>L AIRCRAFT 312005 THRU 312008,312011,312016 THRU 312030,312032,312034 THRU 312090,312098,312099,312108, 312109, 312113,312114, 312118 AND 312119 (POST MOD SB 312-28-0001), 312131 THRU 312136, 312139 THRU 312141, 312156 THRU 312158, 312164 THRU 312166, 312172 THRU 312174, 312177 AND ON</i></p> <p><i>M AVIOES 312006 A 312074 (PRE MOD BS 312-28-0006)</i></p> <p><i>M AIRCRAFT 312006 A 312074 (PRE MOD SB 312-28-0006)</i></p> <p><i>N AVIOES 312006 A 312074 (POS MOD BS 312-28-0006), 312075 E SEGUINTES</i></p> <p><i>N AIRCRAFT 312006 THRU 312074 (POST MOD SB BS 312-28-0006),312075 AND ON</i></p>				

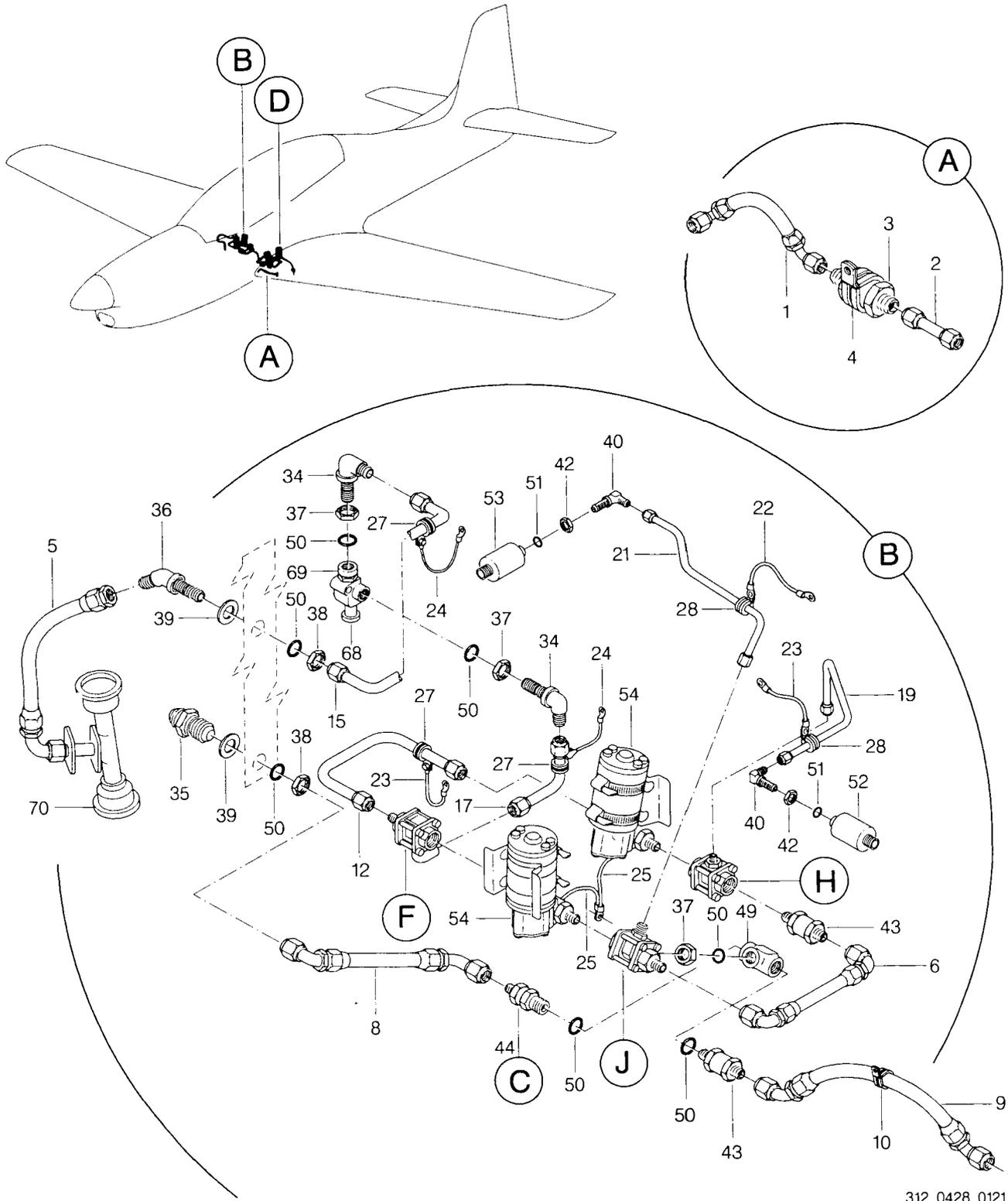
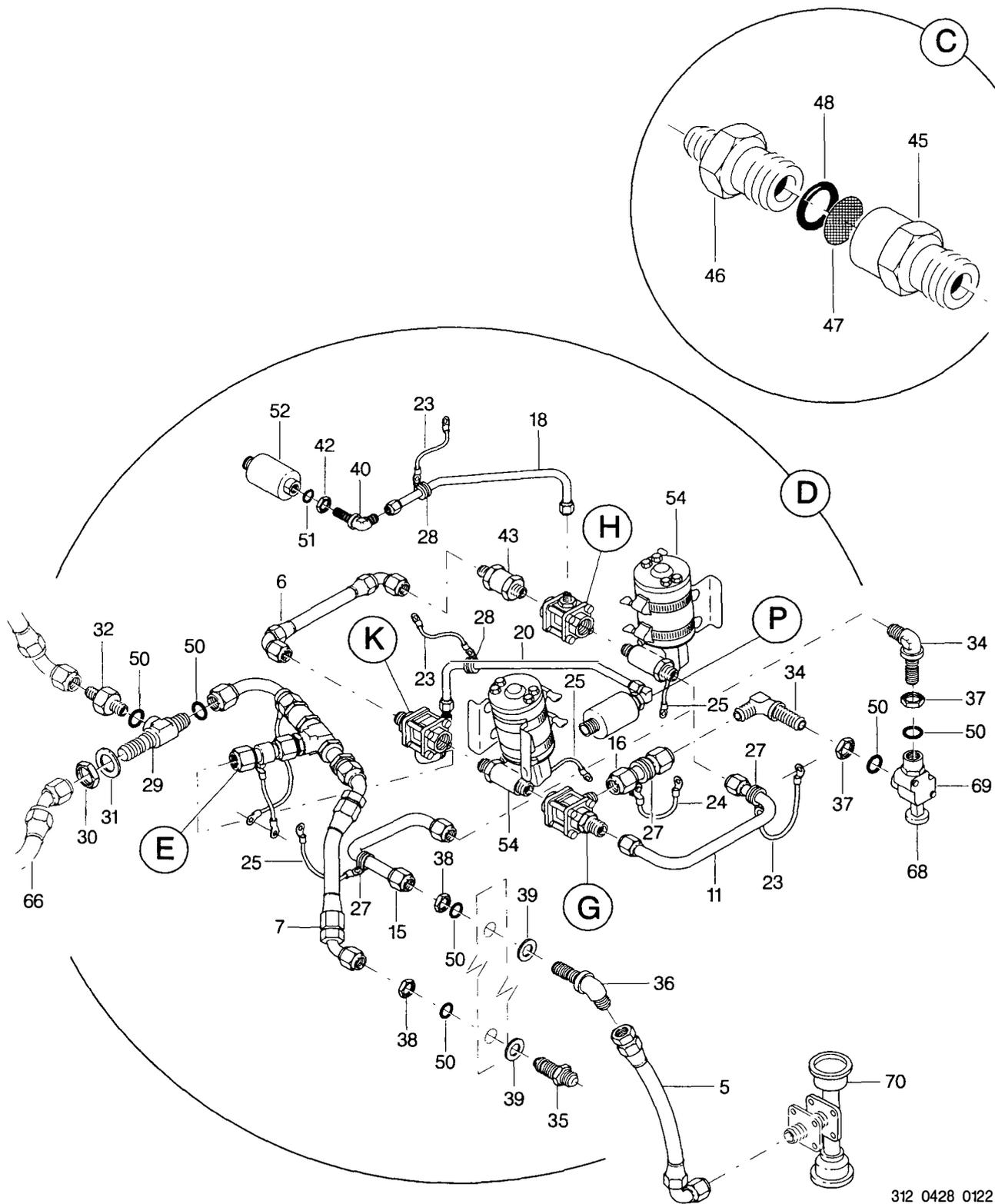


FIGURA 11. SISTEMA DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (FOLHA 1 DE 4)  
 FIGURE 11. FUEL SYSTEM INSTL, LHIRH WINGS (SHEET 1 OF 4)

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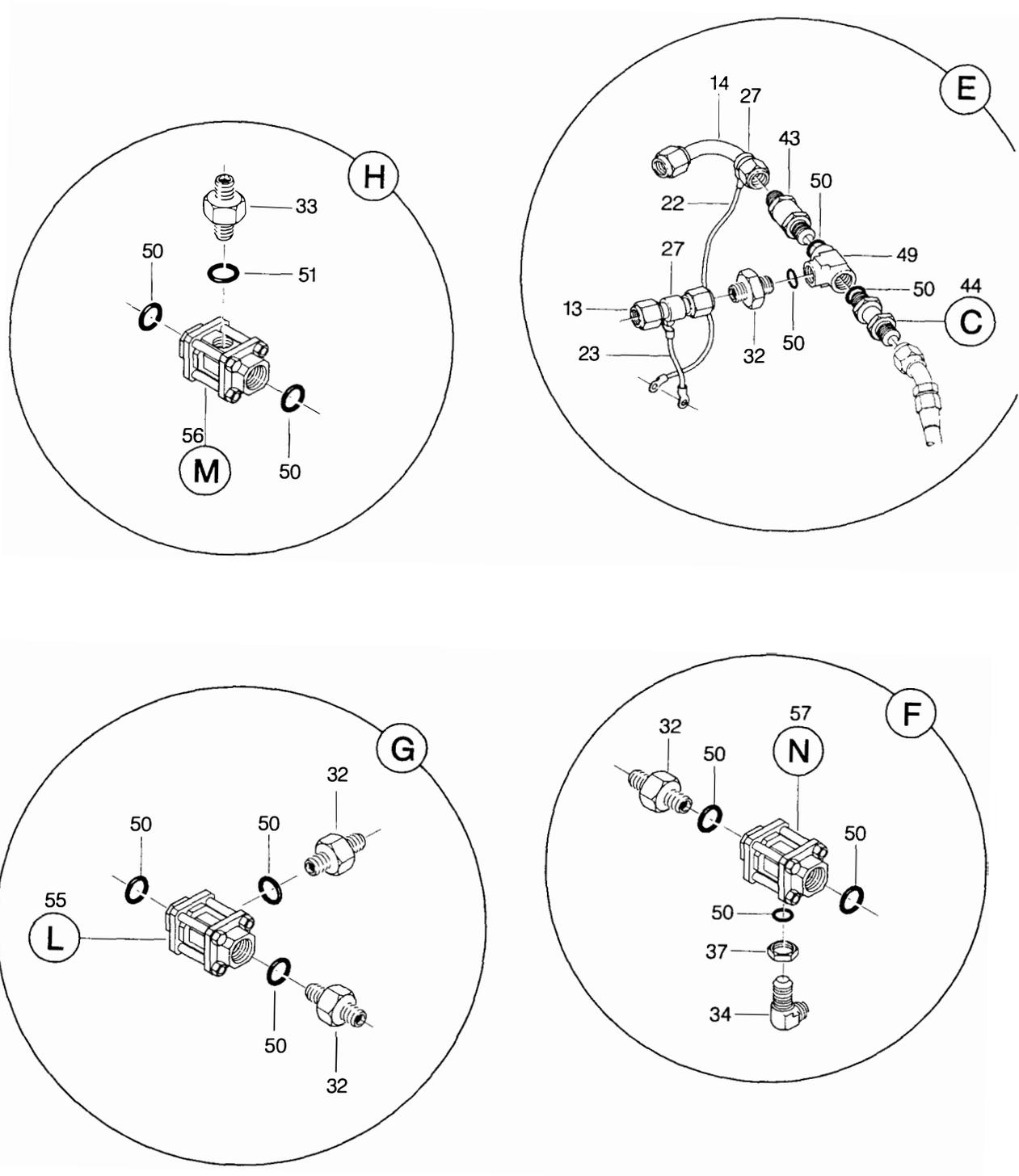


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FIGURA 11. SISTEMA DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (FOLHA 2 DE 4)  
 FIGURE 11. FUEL SYSTEM INSTL, LHRH WINGS (SHEET 2 OF 4)

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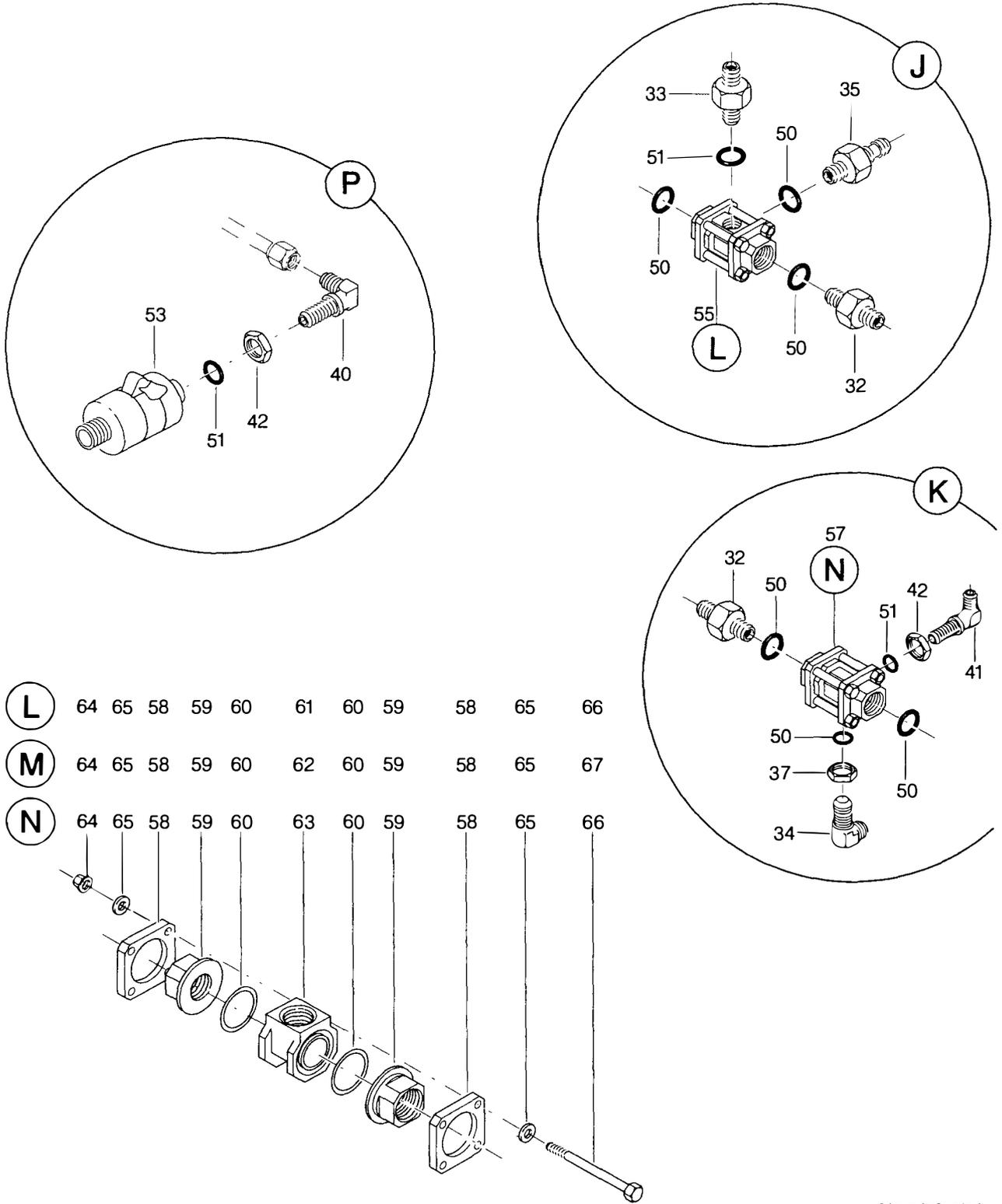
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312 0428 0123

FIGURA 11. SISTEMA DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (FOLHA 3 DE 4)  
 FIGURE 11. FUEL SYSTEM INSTL, LH/RH WINGS (SHEET 3 OF 4)

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312 0428 0124

FIGURA 11. SISTEMA DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (FOLHA 4 DE 4)  
 FIGURE 11. FUEL SYSTEM INSTL, LH/RH WINGS (SHEET 4 OF 4)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11		SISTEMA DE COMBUSTIVEL INSTL, ASAS ESQ/DIR..... FUEL SYSTEM INSTL LH/RH WINGS.....		REF	A	
1	312-17985-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
2	312-10457-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
3	1126-00-5	.VALVULA..... VALVE, FUEL CHECK.....	09445	1		
4	MS21919WDG17 AN3-3A AN960-10L	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL..... .PINO ROSCADO (PF)..... BOLT (AP)..... .ARRUELA (PF)..... WASHER,FLAT (AP).....	96906 88044 88044	1 1 1		
5	312-17986-001	.HOSE ASSY..... HOSE ASSY.....	S4956	2		
6	312-02259-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	2		
7	312-12347-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
8	312-18250-001	.MANGUEIRA CONJUNTO..... HOSE ASSY.....	S4956	1		
9	312-06083-001 PE43012	.MANGUEIRA CONJ..... HOSE ASSY..... .DECALQUE..... DECAL IND FLOW.....	S4956 S4956	1 AR		
10	MS21919WDG11 MS21042L3 AN960-10L AN3-3A	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL..... .PORCA..... NUT..... .ARRUELA..... WASHER,FLAT..... .PINO ROSCADO..... BOLT.....	96906 96906 88044 88044	1 1 1 1		
11	312-18323-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
12	312-02264-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
13	312-06081-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
14	312-16029-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
15	312-18245-001	.TUBO CONJ..... TUBE ASSY.....	S4956	2		
16	312-18245-005 312-06081-001	.TUBO CONJ..... TUBE ASSY..... .TUBO CONJ..... TUBE ASSY.....	S4956 S4956	1 1		
17	312-18245-003	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	312-06482-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
19	312-06481-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
20	312-18248-003	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
21	312-18248-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
22	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB5).....	S4956	2		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11						
	PE88001-5BB5	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5) ). .METALIZACAO (B.I. 312-00-0003) BONDING (I.B. 312-00-0003)	S4956	2		
23	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4) BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).	S4956	6		
	PE88001-5BB4	.PONTE LIGACAO,CONJ (B.I. 312-00-0003) JUMPER ASSY (I.B. 312-00-0003)	S4956	6		
24	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB6) BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6 ).	S4956	3		
	PE88001-5BB6	.PONTE LIGACAO, CONJ (B.I. 312-00-0003) JUMPER ASSY (I.B. 312-00-0003)	S4956	3		
25	PE88001-1BB8	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB8) BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB8 ).	S4956	5		
	PE88001-5BB8	.PONTE LIGACAO,CONJ (B.I. 312-00-0003) JUMPER ASSY (I.B. 312-00-0003)	S4956	5		
	MS21042L3	.PORCA (PF) NUT (AP)	96906	12		
	NAS1197-10L	.ARRUELA (PF) WASHER (AP)	80205	16		
	AN960-10L	.ARRUELA (ALTERNATIVA USE P/N=NAS1149F0332P) ( PF) WASHER,FLAT (ALTERNATIVE USE P/N=NAS1149F0332 P) (AP)	88044	19		
	MS35338-43	.ARRUELA (PF) WASHER (AP)		12		
	AN960-8L	.ARRUELA PLANA (ALTERNATIVA USE P/N=NAS1149FN8 16P) (PF) WASHER,FLAT (ALTERNATIVE USE P/N=NAS1149FN816 P) (AP)	88044	4		
	NAS1197-10	.ARRUELA (PF) WASHER (AP)	80205	3		
	AN3-4A	.PINO ROSCADO (PF) BOLT (AP)	88044	6		
	AN3-3A	.PINO ROSCADO (PF) BOLT (AP)	88044	6		
27	PE27010A8	.BRACADEIRA CLAMP	S4956	8		
28	PE27010A4	.BRACADEIRA CLAMP	S4956	4		
	MS21042L3	.PORCA (PF) NUT (AP)	96906	8		
	MS35338-43	.ARRUELA (PF) WASHER (AP)		8		
	NAS1197-10L	.ARRUELA (PF) WASHER (AP)	80205	16		
	AN960-10L	.ARRUELA (PF) WASHER,FLAT (AP)	88044	8		
	AN3-3A	.PINO ROSCADO (PF) BOLT (AP)	88044	8		
29	AN783D8	.TE TEE	88044	1		

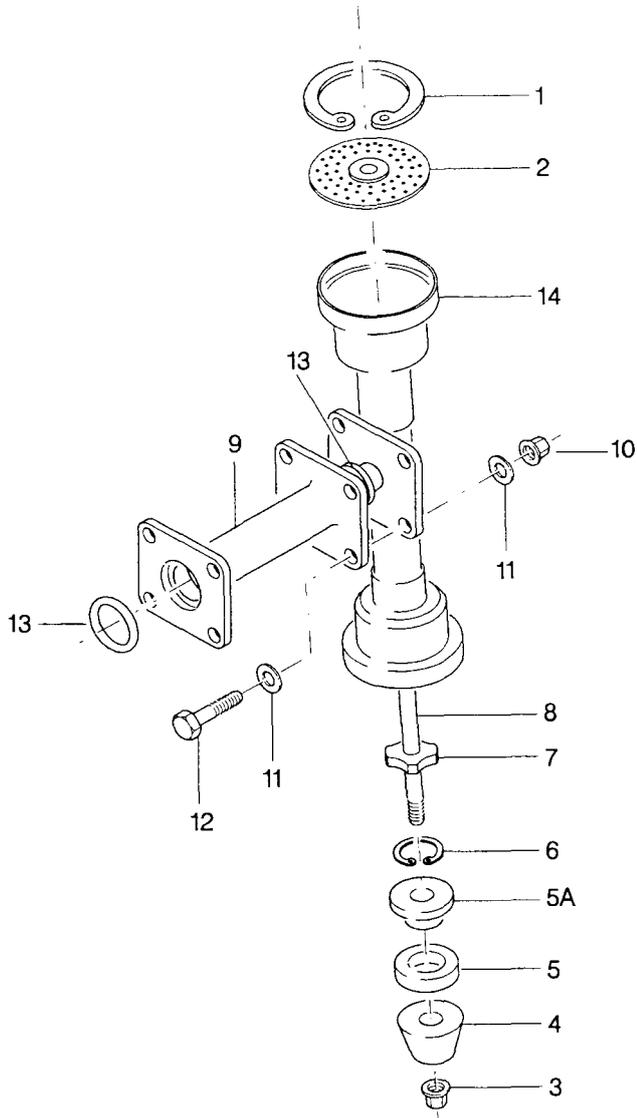
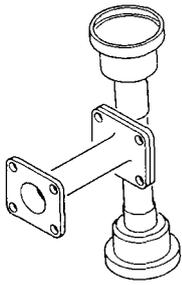
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11						
30	AN924-8D	.PORCA (PF).....	88044	1		
31	AN960-1216L	.NUT (AP).....	88044	1		
32	MS24392D8	.ARRUELA PLANA (PF).....	88044	1		
33	MS24392D4	.WASHER, FLAT (AP).....	96906	9		
34	AN833-8D	.UNIAO.....	96906	3		
35	AN832-8D	.UNION.....	88044	6		
36	MS24396D8	.CONEXAO UNIAO.....	96906	2		
37	AN924-8D	.UNION, TUBE, PRECISION TYPE, AL.....	88044	9		
38	AN6289D8	.CONEXAO 90 GRAUS.....	88044	4		
39	AN960-D1216	.ELBOW, 90-DEGREE.....	88044	4		
40	AN833-4D	.CONEXAO UNIAO.....	88044	4		
41	AS1040D0404	.FITTING.....	96906	1		
42	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	5		
43	MS28884A-8	.NUT (AP).....	96906	4		
44	312-06077-503	.VALVULA UNIDIRECIONAL.....	S4956	2		
45	312-06079-001	.VALVE, FUEL CHECK.....	S4956	2		
46	312-12343-001	.FILTRO CONJ.....	S4956	2		
47	312-19034-001	.FILTER ASSY.....	S4956	2		
48	MS29512-08	.CARCACA.....	S4956	2		
49	312-12619-001	.BODY.....	S4956	2		
50	MS29512-08	.UNIAO ESPECIAL.....	S4956	33		
51	MS29513-012	.SPECIAL UNION.....	96906	8		
52	6607A2-104	.FILTRO.....	96906	2		
53	6607A2-105	.FILTER.....	96906	2		
54	AN737TW48	.ANEL VEDACAO.....	88044	4		
	2B7-38	.ORING.....	26433	4		
		.CONEXAO ESPECIAL.....	26433	4		
		.SPECIAL CONNECTION.....	26433	4		
		.ANEL VEDACAO.....	26433	4		
		.ORING.....	26433	4		
		.ANEL VEDACAO.....	26433	4		
		.RING, 'O'.....	26433	4		
		.CONTACTOR MANOMETRICO (PARA DETALHES VEJA DES ENHO 6607A2-104).....	26433	2		
		.CONTACTOR, MANOMETRIC (FOR DETAILS SEE DWG 66 07A2-104).....	26433	2		
		.CONTACTOR MANOMETRICO (PARA DETALHES VEJA DES ENHO 6607A2-105).....	26433	2		
		.CONTACTOR, MANOMETRIC (FOR DETAILS SEE DWG 660 7A2-105).....	26433	2		
		.BRACADEIRA AJUSTAVEL, P/MANG, INOX (PF).....	88044	4		
		.CLAMP, HOSE, WORM SCREW, CRES (AP).....	88044	4		
		.BOMBA DE COMBUSTIVEL (PARA DETALHES VEJA PUBL ICACAO CMM-IPL 2B7-38).....	26433	4		
		.PUMP, FUEL BOOSTER (FOR DETAILS SEE PUBLICATI ON CMM-IPL 2B7-38).....	26433	4		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11						
	PE27021-5776	.BRACAIDEIRA (PF).....	S4956	8		
55	312-02249-001	.CLAMP (AP).....	S4956	2		
56	312-02248-001	.CONEXAO ESPECIAL CONJ..... FITTING ASSY, SPECIAL.....	S4956	2		
57	312-02250-001	.CONEXAO ESPECIAL CONJ..... FITTING ASSY, SPECIAL.....	S4956	2		
58	312-02253-001	.FLANGE-CONEXAO..... FLANGE-CONNECTION.....	S4956	12		
59	312-02252-001	.LUVA..... SLEEVE.....	S4956	12		
60	MS29513-120	.ANEL DE VEDACAO..... RING, 'O'.....	96906	12		
61	312-02254-001	.CORPO..... BODY.....	S4956	2		
62	312-02251-001	.CORPO..... BODY.....	S4956	2		
63	312-02255-001	.CORPO..... BODY.....	S4956	2		
64	MS21042-3	.PORCALISO (PF)..... NUT (AP).....	96906	24		
65	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	48		
66	AN3-20A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	16		
67	AN3-17A	.PARAFUSO-CABECA HEXAGONAL, ACO (PF)..... BOLT (AP).....	88044	8		
68	312-18222-001	.PUNHO-VALVULA DE CORTE..... HANDLE-SHUT OFF VALVE.....	S4956	2		
	312-18349-001	.TRAVA DA VALVULA DE CORTE..... LOCKING, SHUT OFF VALVE.....	S4956	2		
	A1553-012-1	.PORCA (PF)..... NUT (AP).....	78553	4		
	AN960-3L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	8		
	AN123176	.REBITE ACO INOX CABECA UNIVERSAL (PF)..... RIVET (AP).....	88044	2		
69	800411-00	.VALVULA DE CORTE (PARA DETALHES VEJA DESENHO 800411) (ALTERNATIVA USE P/N=DI-1222-16-OL)..... VALVE, SHUTOFF (FOR DETAILS SEE DWG 800411) ( ALTERNATIVE USE P/N=DI-1222-16-OL).....	53655	2		
	PE21044-6-24	.PARAFUSO CABECA CILINDRICA COM SEXT (PF)..... SCREW (AP).....	S4956	4		
	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	4		
	PE21044-6-28	.PARAFUSO CABECA CILINDRICA, SEXTAVAD (PF)..... SCREW, SOCKET HEAD, HEX REC, STEEL (AP).....	S4956	4		
	AN960-10	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	12		
70	312-12720-501	.PESCADOR DE COMBUSTIVEL CONJ (PARA DETALHES V EJA FIG 28-20-00-15)..... PENDULOUS FUEL INTAKE ASSY (FOR DETAILS SEE F IG 28-20-00-15).....	S4956	2		
	AN3-6A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	8		
	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	8		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		2		
	312-04168-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	3		
	120-13612-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	1		
	312-10061-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
	312-10062-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
72		. SIST COMBUSTIVEL INSTL, FUSELAGEM (VEJA FIG 28-20-00-01/05)..... FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00- 01/05).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312037, 312065, 312071 A 312074, 312076, 31 2080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POS MOD BS 312- 00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 3120 33, 312035, 312037, 312065, 312071 THRU 312074, 31207 6, 312080, 312086, 312093, 312097, 312100, 312145, 31 2176, 312184, 312189, 312195, 312393 THRU 312395 AND 312398 (POST MOD SB 312-00-0003)				

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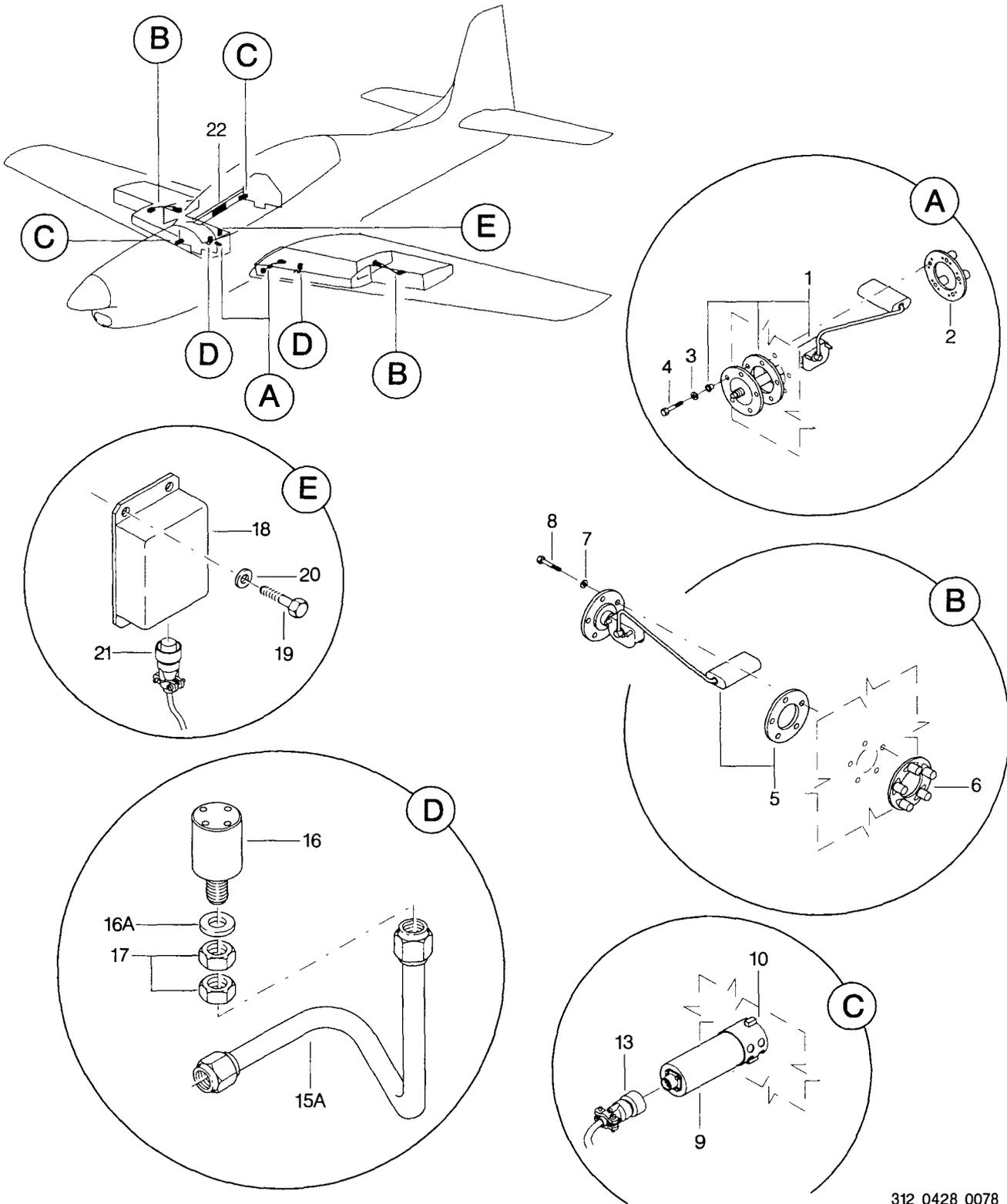
FIGURA 15. PESCADOR DE COMBUSTIVEL CONJ (PARA PROXIMA MONTAGEM VEJA FIG 28-20-00-10)  
FIGURE 15. PENDULOUS FUEL INTAKE ASSY (FOR NHA SEE FIG 28-20-00-10)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
15		PESCADOR DE COMBUSTIVEL CONJ (PARA PROXIMA MON TAGEM VEJA FIG 28-20-00-10)..... PENDULOUS FUEL INTAKE ASSY (FOR NHA SEE FIG 28 -20-00-10).....		REF		
1	MS16625-4200	.ANEL DE RETENCAO..... RING, RETAINING.....	96906	2		
2	312-12359-001	.FILTRO PESCADOR CONJUNTO..... FILTER ASSY.....	S4956	2		
3	PE22005-08S	.PORCA 6 ESTRIAS AUTO..... NUT.....	S4956	2		
4	312-12722-001	.PESO..... WEIGHT.....	S4956	2		
5	312-12358-001	.VEDACAO..... SEAL.....	S4956	2		
5 A	312-12349-001	.ESPACADOR..... SPACER.....	S4956	2		
6	MS16625-4090	.ANEL DE RETENCAO..... RING, RETAINING.....	96906	2		
7	312-12356-001	.GUIA..... GUIDE.....	S4956	2	006214	
	312-13714-001	.GUIA..... GUIDE.....	S4956	2	215999	
8	312-12723-001	.EIXO..... SHAFT.....	S4956	1		
9	312-12724-001	.BRACO FLANGEADO..... ARM, FLANGED.....	S4956	1		
10	PE22007-3	.PORCA 12 ESTRIAS,AUTO (PF)..... NUT (AP).....	S4956	4		
11	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		8		
12	AN3C6A	.PINO ROSCADO (PF)..... BOLT,HEXAGON HEAD,CRES (AP).....	88044	4		
13	MS29513-118	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
14	312-12721-501	.CORPO PESCADOR..... BODY-FISH PLUNGER.....	S4956	1		
	312-10216-001	.PLAQUETA..... NAMEPLATE.....	S4956	1		

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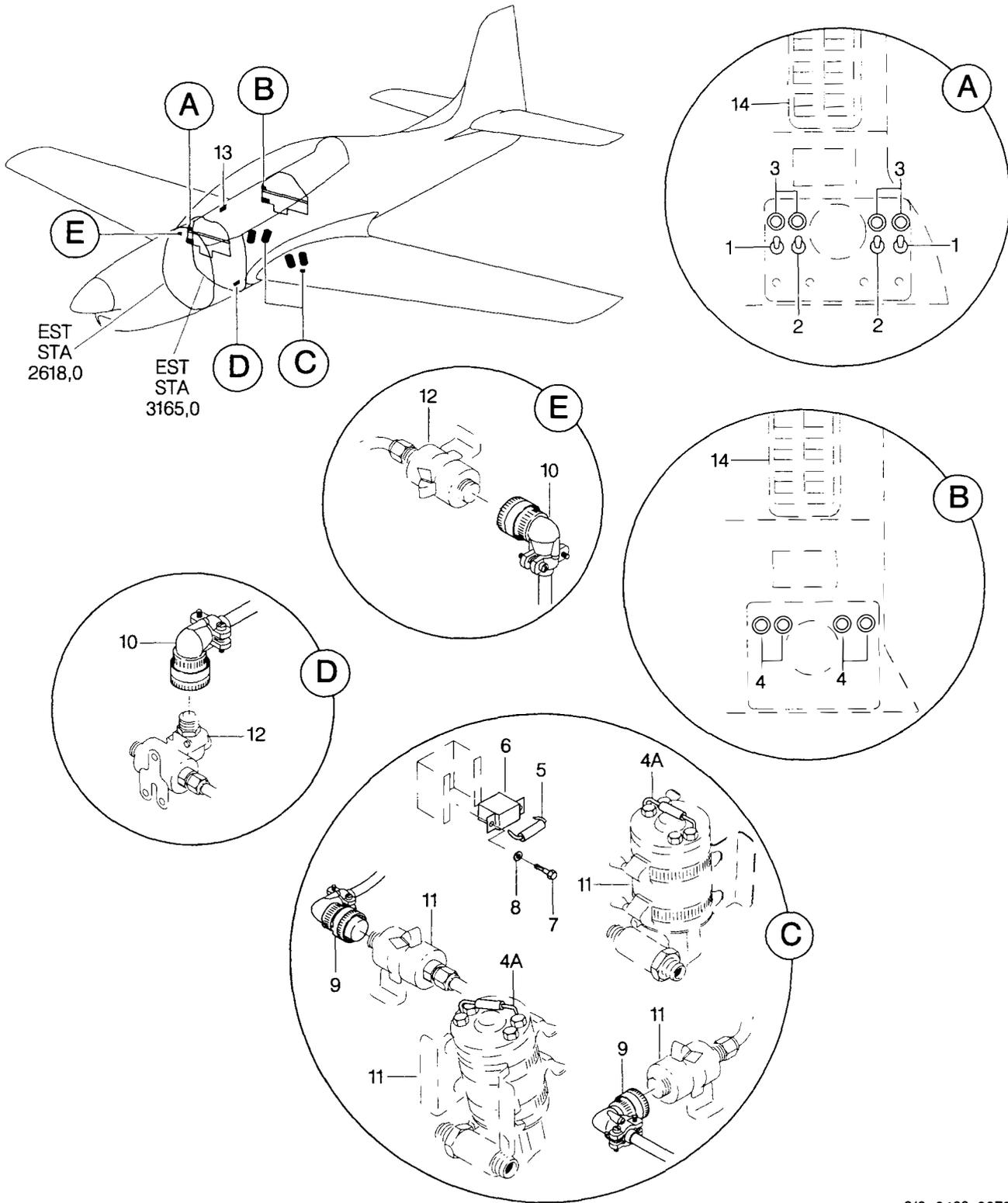


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FIGURA 01. SISTEMA DE INDICACAO DE QUANTIDADE DE COMBUSTIVEL INSTL, ASAS  
FIGURE 01. FUEL QUANTITY INDICATING SYSTEM INSTL, WINGS

28-40-00

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE INDICACAO DE QUANTIDADE DE COMBUSTI VEL INSTL, ASAS.....		REF		
1	7740-00265	.TRANSMISSOR (R21, R22).....	09393	2		
2	312-03777-001	.TRANSMITTER FUEL QUANTITY (R21, R22).....				
3	AN960-8	.FLANGE CONJ (PF).....	S4956	2		
4	MS35206-248	FLANGE ASSY (AP).....				
5	7740-00266	.ARRUELA (PF).....	88044	10		
6	312-03777-001	WASHER (AP).....				
7	AN960-8L	.PARAFUSO (PF).....	96906	10		
8	MS35206-247	SCREW (AP).....				
9	124-667	.TRANSMISSOR (R20, R23).....	09393	2		
10	PE94009-1	TRANSMITTER FUEL QUANTITY (R20, R23).....				
13	MS3116F12-10S	.FLANGE CONJ (PF).....	S4956	2		
15 A	312-10776-001	FLANGE ASSY (AP).....				
	312-10777-001	.ARRUELA PLANA (PF).....	88044	10		
16	F-8300-1	WASHER, FLAT (AP).....				
16 A	AN960-916L	.PARAFUSO CABECA ESCAREADA (PF).....	96906	10		
17	AN924-5	SCREW, COUNTERSUNK HEAD (AP).....				
	AN924-5D	.INDICADOR DUPLO (M18, M19).....	34830	2		
18	AE10018-001	INDICATOR, DUAL (M18, M19).....				
19	MS35206-243	.BRACADEIRA (PF).....	S4956	2		
20	AN960-8	CLAMP (AP).....				
21	MS3126F10-6S	.CONECTOR (P115, P116).....	96906	2		
22		CONNECTOR (P115, P116).....				
		.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
		.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
		.SENSOR (S132, S133).....	28719	1		
		SENSOR (S132, S133).....				
		.ARRUELA PLANA (PF).....	88044	1		
		WASHER, FLAT (AP).....				
		.PORCA.....	88044	2	005304	
		NUT.....				
		.PORCA.....	88044	2	305999	
		NUT.....				
		.TEMPORIZADOR (A156).....	S4956	1		
		TIMER (A156).....				
		.PARAFUSO CABECA ABAULADA (PF).....	96906	3		
		SCREW, TRUS HEAD LIENTE (AP).....				
		.ARRUELA (PF).....	88044	3		
		WASHER (AP).....				
		.CONECTOR (P285).....	96906	1		
		CONNECTOR (P285).....				
		.PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39).....		REF		
		CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....				



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FIGURA 02. COMANDO E INDICACAO INSTL, BOMBAS DE COMBUSTIVEL  
 FIGURE 02. CONTROL & INDICATING INSTL, FUEL PUMPS

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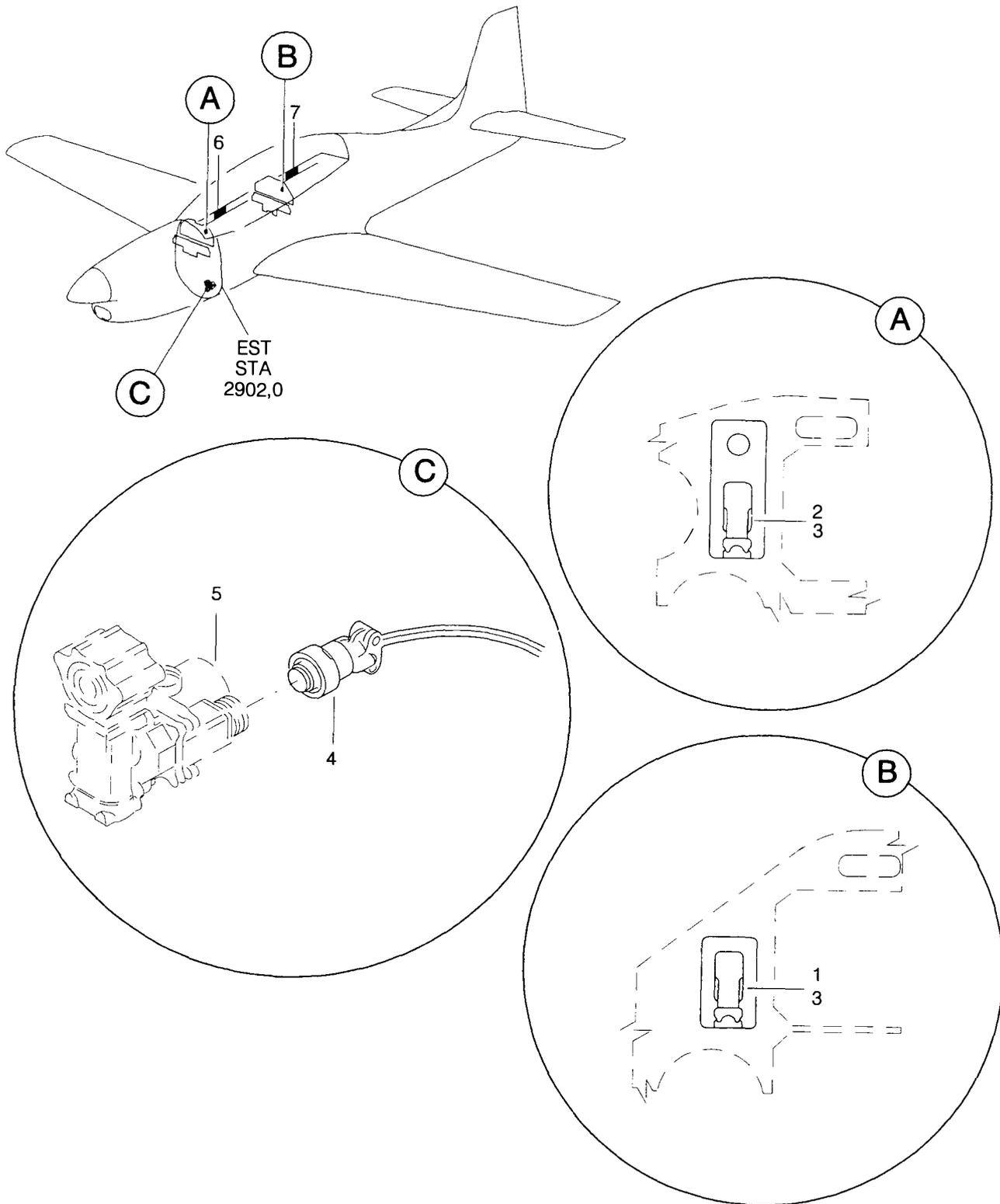
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		COMANDO E INDICACAO INSTL, BOMBAS DE COMBUSTIV EL.....		REF		
1	MS24523-22	.INTERRUPTOR (S50, S51)..... SWITCH, TOGGLE (S50, S51).....	96906	2		
2	MS27407-4	.INTERRUPTOR (S48, S49)..... SWITCH, TOGGLE (S48, S49).....	96906	2		
3	801-1030-0332-504	.LUZ INDICADORA (PRE MOD BS 312-033-0011) (DS3 4, DS35, DS36, DS37)..... LIGHT, INDICATOR (PRE MOD SB 312-033-0011) (D S34, DS35, DS36, DS37).....	72619	4	006282	
	01-91180-3-327	.LUZ INDICADORA (DS122, DS123, DS124, DS125)..... LIGHT, INDICATOR (DS122, DS123, DS124, DS125).....	76854	4	D	
4	MS25041-10-327	.LUZ INDICADORA (DS30, DS31, DS32, DS33)..... LIGHT, INDICATOR (DS30, DS31, DS32, DS33).....	76854	4		
4 A	SK3/08	.DIODO (CR80, CR81, CR82, CR83)..... DIODE (CR80, CR81, CR82, CR83).....	S4956	4	A	
5	1N4007	.DIODO RETIFICADOR (CR0011, CR0012)..... DIODE, RECTIFIER (CR0011, CR0012).....	04713	2		
6	MS27401-13	.RELE (K17, K18)..... RELAY (K17, K18).....	96906	2		
7	MS35206-216	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
8	AN960-4L	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
9	MS3106F10SL-3S	.CONECTOR (P22, P25)..... CONNECTOR (P22, P25).....	96906	2		
	MS3108E10SL-3S	.CONECTOR (P0023, P0024)..... CONNECTOR (P0023, P0024).....	96906	2		
10	MS3108E10SL-3S	.CONECTOR (P57, P58)..... CONNECTOR (P57, P58).....	96906	2		
11		. SIST DE COMBUSTIVEL INSTL, ASAS ESQ/DIR (VEJ A FIG 28-20-00-10)..... FUEL SYSTEM INSTL, LH & RH WINGS (SEE FIG 28-2 0-00-10).....		REF		
12		. SIST DE COMBUSTIVEL INSTL, FUSELAGEM (VEJA F IG 28-20-00-01)..... FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00- 01).....		REF	B	
		. SIST DE COMBUSTIVEL INSTL, FUSELAGEM (VEJA F IG 28-20-00-05)..... FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00- 05).....		REF	C	
13		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
14		. ALARME GERAL INSTL (VEJA CAP 31)..... MASTER CAUTION INSTL (SEE CHAPTER 31).....		REF		
EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312148, 312150 A 312188, 312190 A 312 205 (POS MOD BS 312-028-0013), 312149, 312189, 312206 E SEGUINTE A AIRCRAFT 312006 THRU 312148, 312150 THRU 312188, 3121 90 THRU 312205 (POST MOD SB 312-028-0013), 312149, 31 2189, 312206 AND ON B AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 31 2332 (PRE MOD BS 312-028-0015) B AIRCRAFT 312006 THRU 312052, 312054 THRU 312148 AND 3						

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		<p>12150 THRU 312332 (PRE MOD SB 312-028-0015)</p> <p>C AVIOES 312006 A 312052, 312054 A 312148, 312150 A 312332 (POS 120-028-0015), 312053, 312149, 312333 E SEGUINTES</p> <p>C AIRCRAFT 312006 THRU 312052, 312054 THRU 312148, 312150 THRU 312332 (POST MOD SB 312-028-0015), 312053, 312149, 312333 AND ON</p> <p>D AVIOES 312006 A 312282 (POS MOD BS 312-033-0011), 312283 E SEGUINTE</p> <p>D AIRCRAFT 312006 THRU 312282 (POST MOD SB 312-033-0011), 312283 AND ON</p>				

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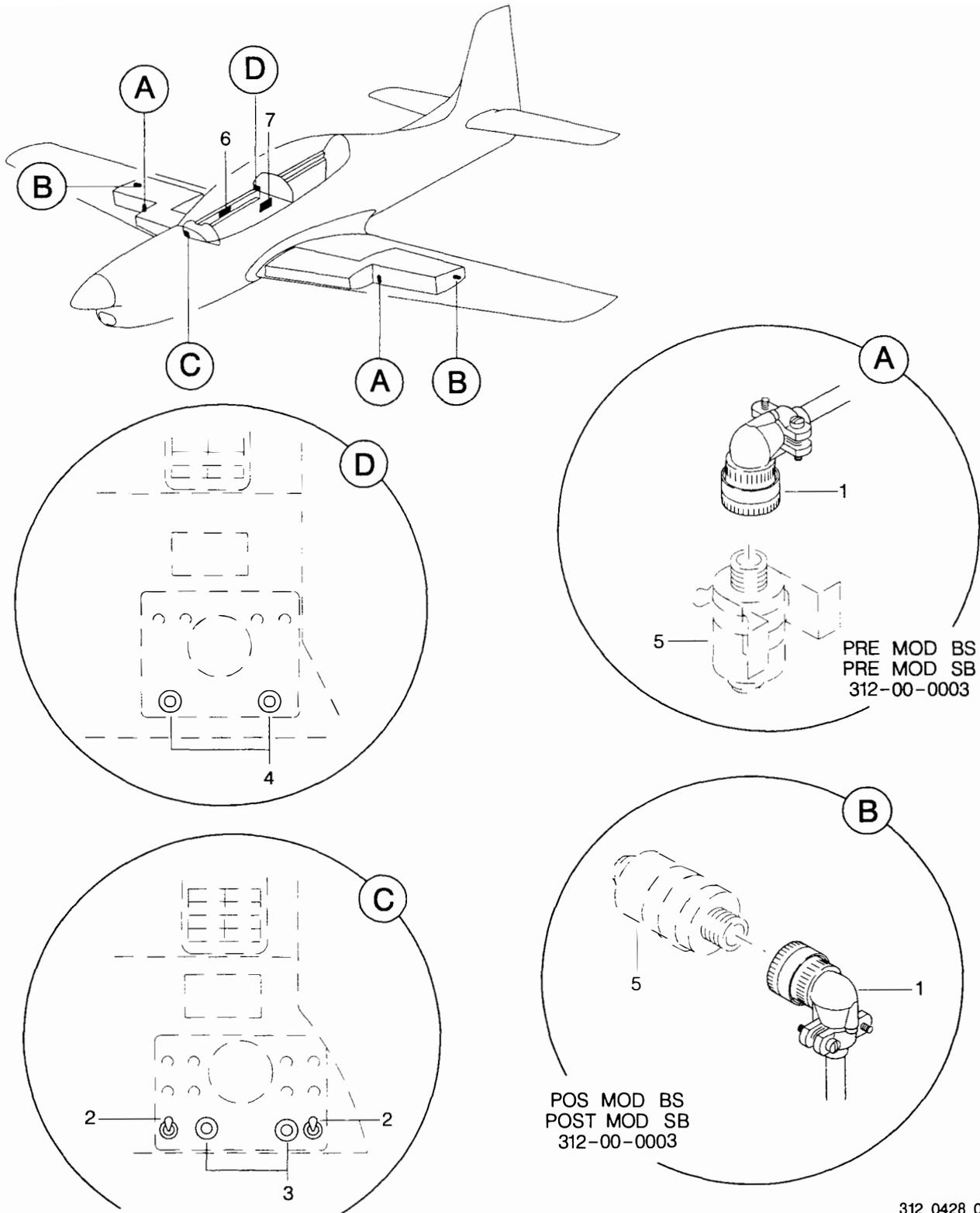
FIGURA 04. COMANDO CORTE DE COMBUSTIVEL INSTL  
FIGURE 04. FUEL CUT-OFF CONTROL INSTL

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04		COMANDO CORTE DE COMBUSTIVEL INSTL..... FUEL CUT-OFF CONTROL INSTL.....		REF		
1	MS27407-4	.INTERRUPTOR (S42)..... SWITCH, TOGGLE (S42).....	96906	1		
2	MS24523-23	.INTERRUPTOR (S43)..... SWITCH, TOGGLE (S43).....	96906	1		
3	MS25224-1	.GUARDA P/ INTERRUPTOR..... GUARD, SWITCH.....	96906	2		
4	MS3106F14S5S	.CONECTOR (P20)..... CONNECTOR (P20).....	96906	1		
5		. SIST DE COMBUSTIVEL INSTL, FUSELAGEM (VEJA F IG 28-20-00-01)..... FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00- 01).....		REF	A	
		. SIST DE COMBUSTIVEL INSTL, FUSELAGEM (VEJA F IG 28-20-00-05)..... FUEL SYSTEM INSTL, FUSELAGE (SEE FIG 28-20-00- 05).....		REF	B	
6		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
7		. CAIXA DE RELES AUXILIARES INSTL (VEJA CAP 39 )..... AUXILIARY RELAY BOX INSTL (SEE CHAPTER 39).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 31 2332 (PRE MOD BS 312-028-0015) A AIRCRAFT 312006 THRU 312052, 312054 THRU 312148 AND 3 12150 THRU 312332 (PRE MOD SB 312-028-0015) B AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 31 2332 (POS MOD BS 312-028-0015), 312053, 312149, 31233 3 E SEGUINTE B AIRCRAFT 312006 THRU 312052, 312054 THRU 312148 AND 3 12150 THRU 312332 (POST MOD SB 312-028-0015), 312053, 312149, 312333 AND ON				

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312 0428 0081

FIGURA 05. INDICACAO DE TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASAS  
FIGURE 05. FUEL TRANSFER INDICATING SYSTEM INSTL, PYLON-TO-WING TANK

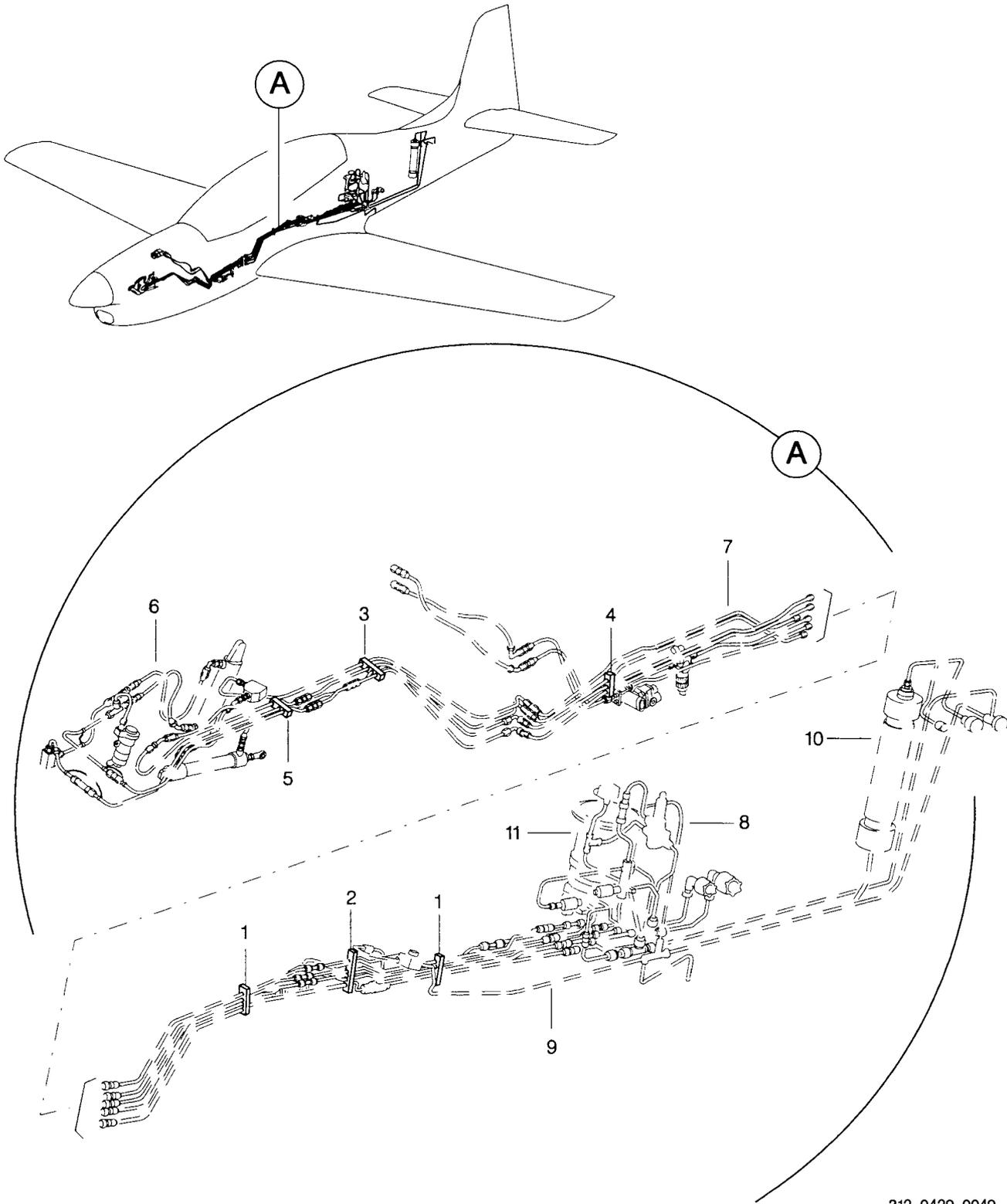
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		INDICACAO DE TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE SUBALAR/ASAS..... FUEL TRANSFER INDICATING SYSTEM INSTL, PYLON-T O-WING TANK.....		REF		
1	MS3108E10SL-3S	.CONECTOR (P282, P283)..... CONNECTOR (P282, P283).....	96906	2		
2	MS27407-5	.INTERRUPTOR (S128, S129)..... SWITCH (S128, S129).....	96906	2		
3	801-1030-0332-504	.LUZ INDICADORA (PRE MOD BS 312-033-0011) (DS7 8, DS79)..... LIGHT, INDICATOR (PRE MOD SB 312-033-0011) (D S78, DS79).....	72619	2	006282	
	01-91180-3-327	.LUZ INDICADORA (DS126, DS127)..... LIGHT, INDICATOR (DS126, DS127).....	76854	2	A	
4	MS25041-10-327	.LUZ INDICADORA (DS76, DS77)..... LIGHT, INDICATOR (DS76, DS77).....	76854	2		
5		. TRANSFERENCIA DE COMBUSTIVEL INSTL, TANQUE S UBALAR/ASAS (VEJA FIG 28-10-01-02)..... FUEL TRANSFER SYSTEM INSTL, PYLON-TO-WING TANK (SEE FIG 28-10-01-02).....		REF		
6		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
7		. CAIXA DE RELE AUXILIAR INSTL (VEJA CAP 39)..... AUXILIARY RELAY BOX INSTL (SEE CHAPTER 39).....		REF		
EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312282 (POS MOD BS 312-033-0011), 312 283 E SEGUINTE A AIRCRAFT 312006 THRU 312282 (POST MOD SB 312-033-0011 ), 312283 AND ON						



FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE MEDICAO DE COMBUSTIVEL INSTL..... DIPSTICK INDICATING SYSTEM INSTL.....		REF		
1	312-07214-001	.UNIDADES DE TANQUES..... INDICATOR, DIPSTICK.....	S4956	2		
2	110-749-21-29	.TAMPA..... GATE.....	S4956	2		
3	110-857-12-50	.MOLA..... SPRING.....	S4956	2		
4	MS27990-2C	.PINO PARA DOBRADICA..... PIN, HINGE.....	96906	4		
5	110-749-21-07	.BOIA CONJ..... FLOAT ASSY.....	S4956	2		
6	312-07215-001	.FLANGE.....	S4956	2		
7	110-749-21-06	.DISCO..... DISK.....	S4956	2		
8	312-07216-001	.ESCALA CONJ..... SCALE ASSY.....	S4956	2		



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FIGURA 01. SISTEMA HIDRAULICO INSTL, FUSELAGEM  
FIGURE 01. HYDRAULIC POWER SUPPLY SYSTEM INSTL, FUSELAGE

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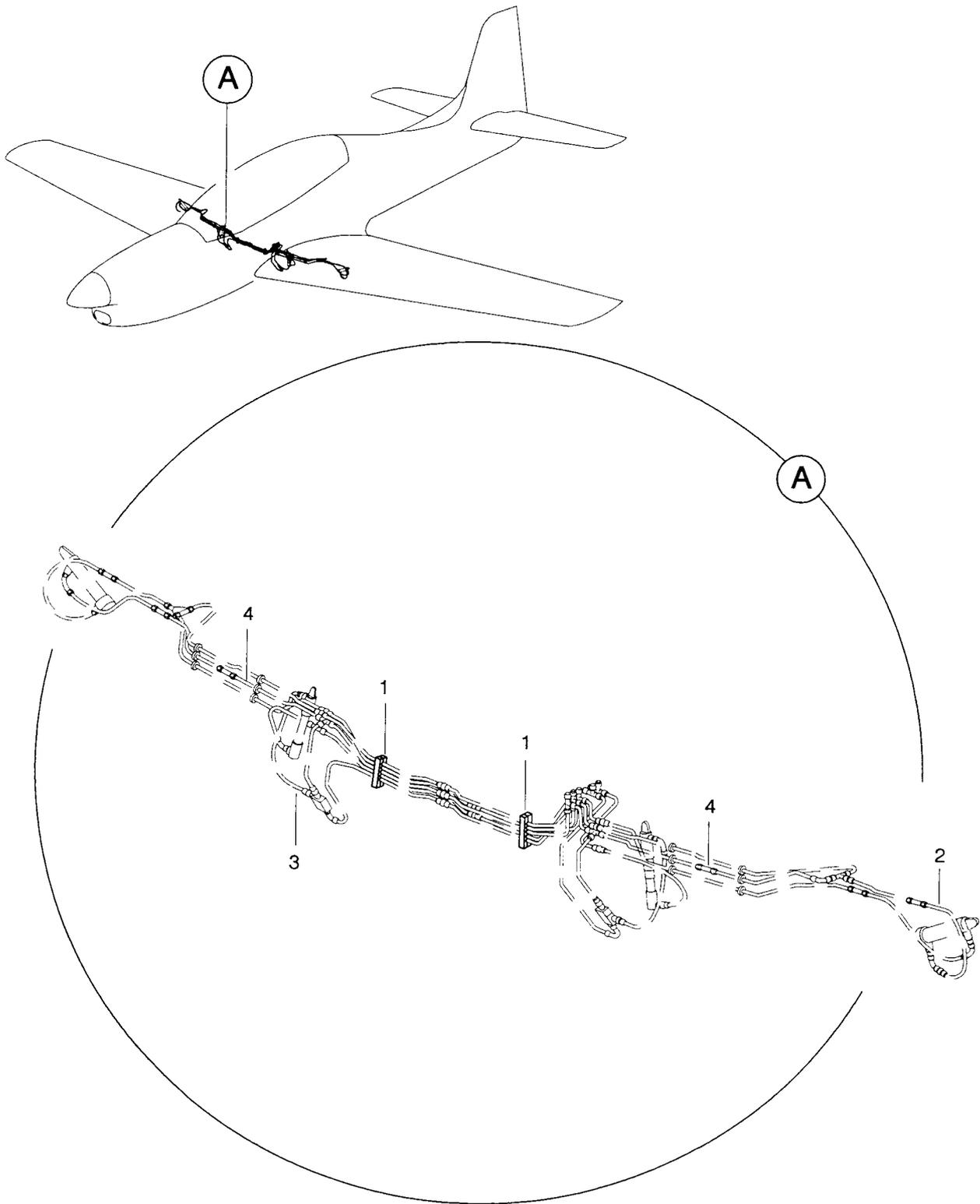
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA HIDRAULICO INSTL, FUSELAGEM..... HYDRAULIC POWER SUPPLY SYSTEM INSTL, FUSELAGE		REF		
1	312-08034-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	4	006224	
	312-12825-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	225999	
2	312-02721-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	006224	
	312-12827-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	1	225999	
3	312-02934-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	006224	
	312-12826-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	1	225999	
4	312-08035-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	006224	
	312-12828-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	1	225999	
5	312-06684-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	006224	
	312-12829-001	.SUPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	1	225999	
	AN3-12A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	AN3-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	10		
	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	12		
	MS3367-7-9	.FITA DE FIXACAO..... STRAP, TIEDOWN.....	96906	CR	225999	
6		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 3 E 8 (VEJA FIG 29-10-00-01)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 3 & 8 (SEE FIG 29-10-00-01).....		REF		
7		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 8 E 14 (VEJA FIG 29-10-00-02)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 8 & 14 (SEE FIG 29-10-00-02).....		REF		
8		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 14 E 15 (VEJA FIG 29-10-00-03)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 14 & 15 (SEE FIG 29-10-00-03).....		REF		
9		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 15 E 18 (VEJA FIG 29-10-00-04)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 15 & 18 (SEE FIG 29-10-00-04).....		REF		
10		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 18 E 19 (VEJA FIG 29-10-00-05)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 18 & 19 (SEE FIG 29-10-00-05).....		REF		
11		. RESERVATORIO PRESSURIZACAO (VEJA FIG 29-10-0 0-07)..... PRESSURIZATION RESERVATORY (SEE FIG 29-10-00-0 7).....		REF		
		. SIST HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAV 3 E 8 (VEJA FIG 29-20-00-01)..... EMERG HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SEE FIG 29-20-00-01).....		REF		
		. SIST HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAV 8 E 14 (VEJA FIG 29-20-00-02).....		REF		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		EMERG HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 8 & 14 (SEE FIG 29-20-00-02).....				

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FIGURA 02. SISTEMA HIDRAULICO INSTL, ASA  
FIGURE 02. HYDRAULIC POWER SUPPLY SYSTEM INSTL, WING

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		SISTEMA HIDRAULICO INSTL, ASA..... HYDRAULIC POWER SUPPLY SYSTEM INSTL, WING.....		REF		
1	312-02934-001	.SOPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	4	006224	
	312-12826-001	.SOPORTE PARA TUBOS..... CLAMP BLOCK, TUBING.....	S4956	2	225999	
	AN3-12A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
	MS3367-7-9	.FITA DE FIXACAO..... STRAP, TIEDOWN.....	96906	CR		
2		. SIST HIDRAULICO PRINCIPAL INSTL, ASA ESQ (VE JA FIG 29-10-00-15)..... MAIN HYDR PWR SPLY SYS INSTL, LH WING (SEE FIG 29-10-00-15).....		REF		
3		. SIST HIDRAULICO PRINCIPAL INSTL, ASA DIR (VE JA FIG 29-10-00-16)..... MAIN HYDR PWR SPLY SYS INSTL, RH WING (SEE FIG 29-10-00-16).....		REF		
4		. SIST HIDRAULICO AUXILIAR INSTL, ASA (VEJA FI G 29-20-00-03)..... EMERG HYDR PWR SPLY SYS INSTL, WING (SEE FIG 2 9-20-00-03).....		REF		

29-00-00

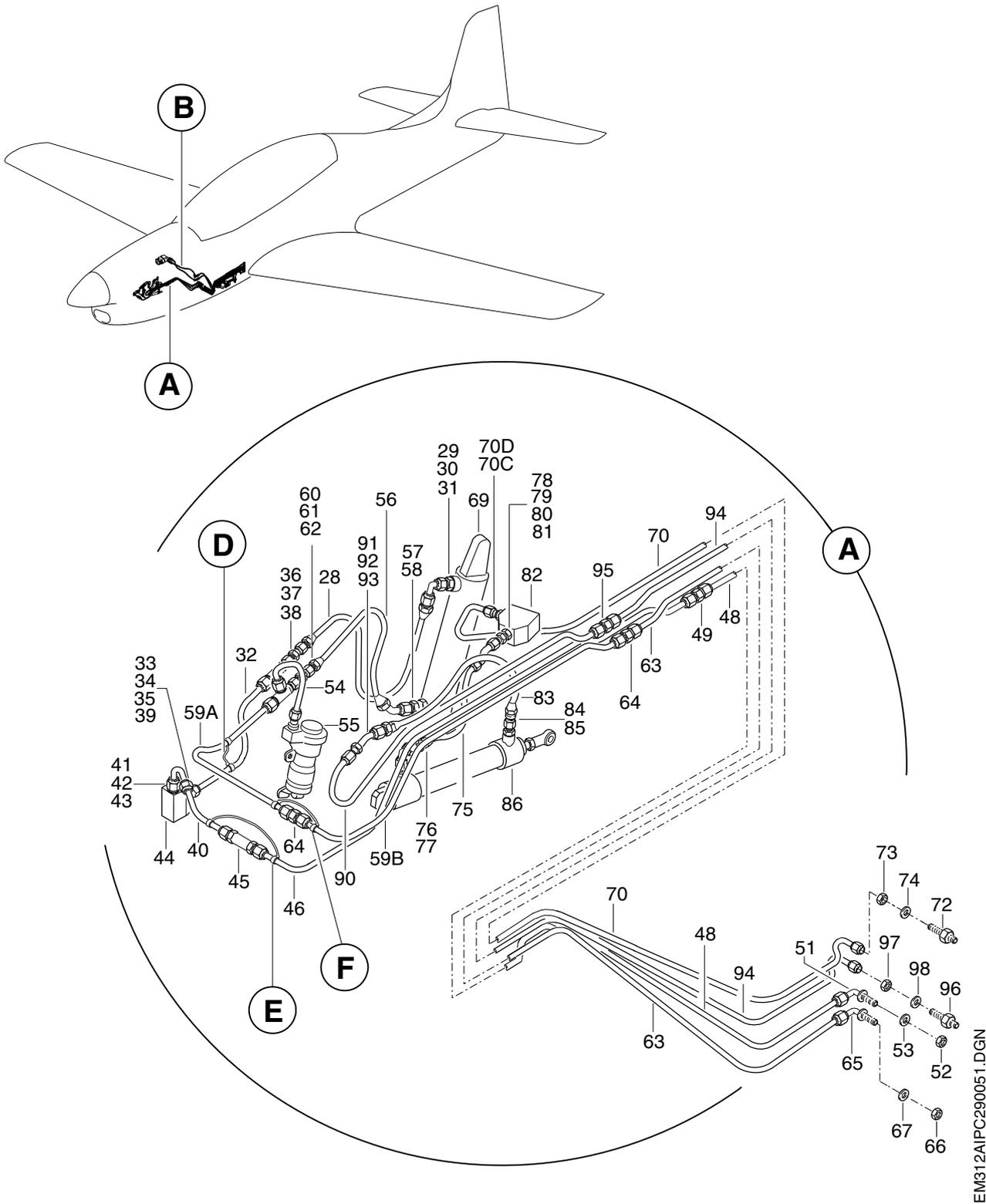
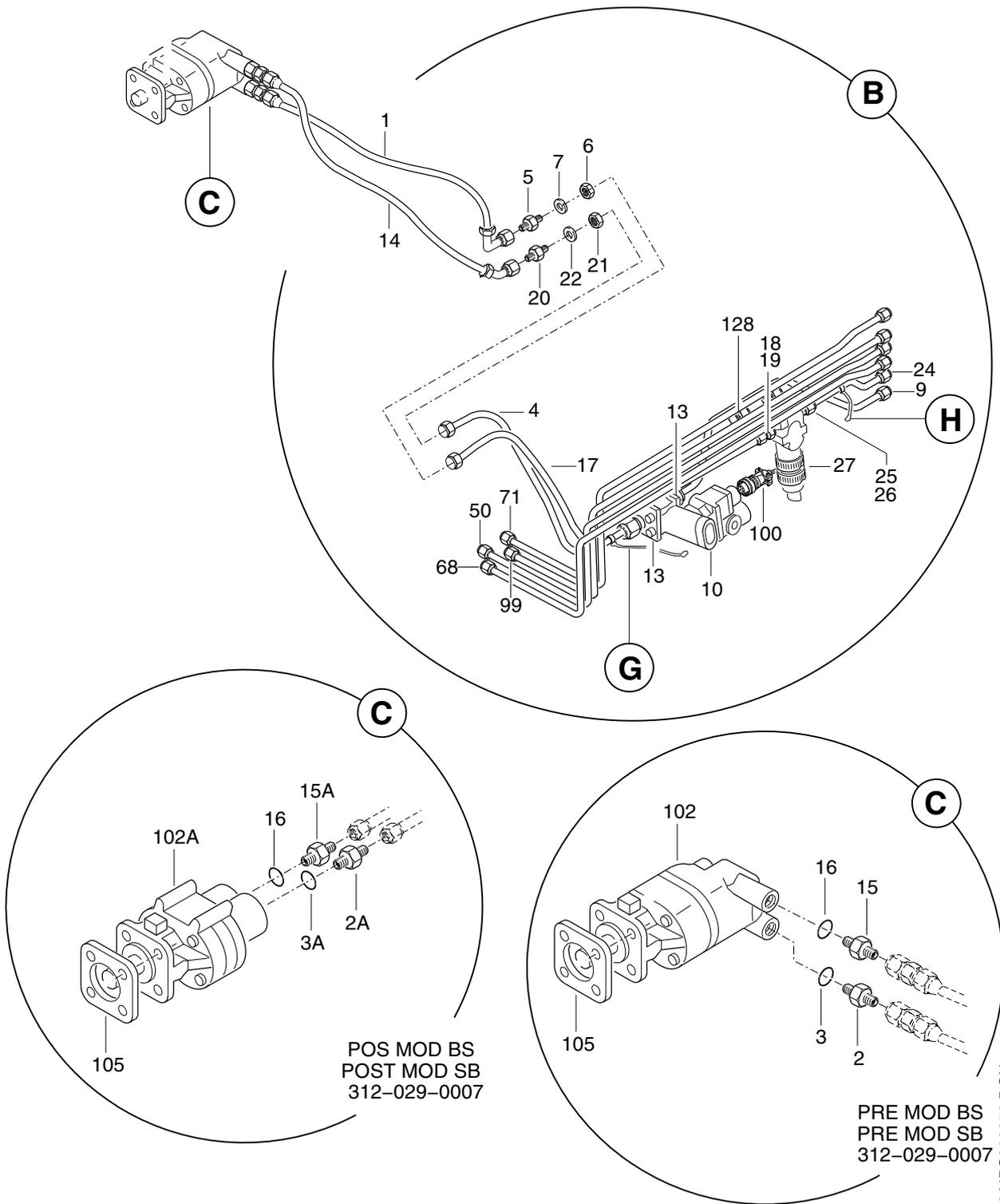


FIGURA 01. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 3 E 8 (FOLHA 1 DE 3)  
 FIGURE 01. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SHEET 1 OF 3)

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REVISÃO 6  
 CHANGE 6



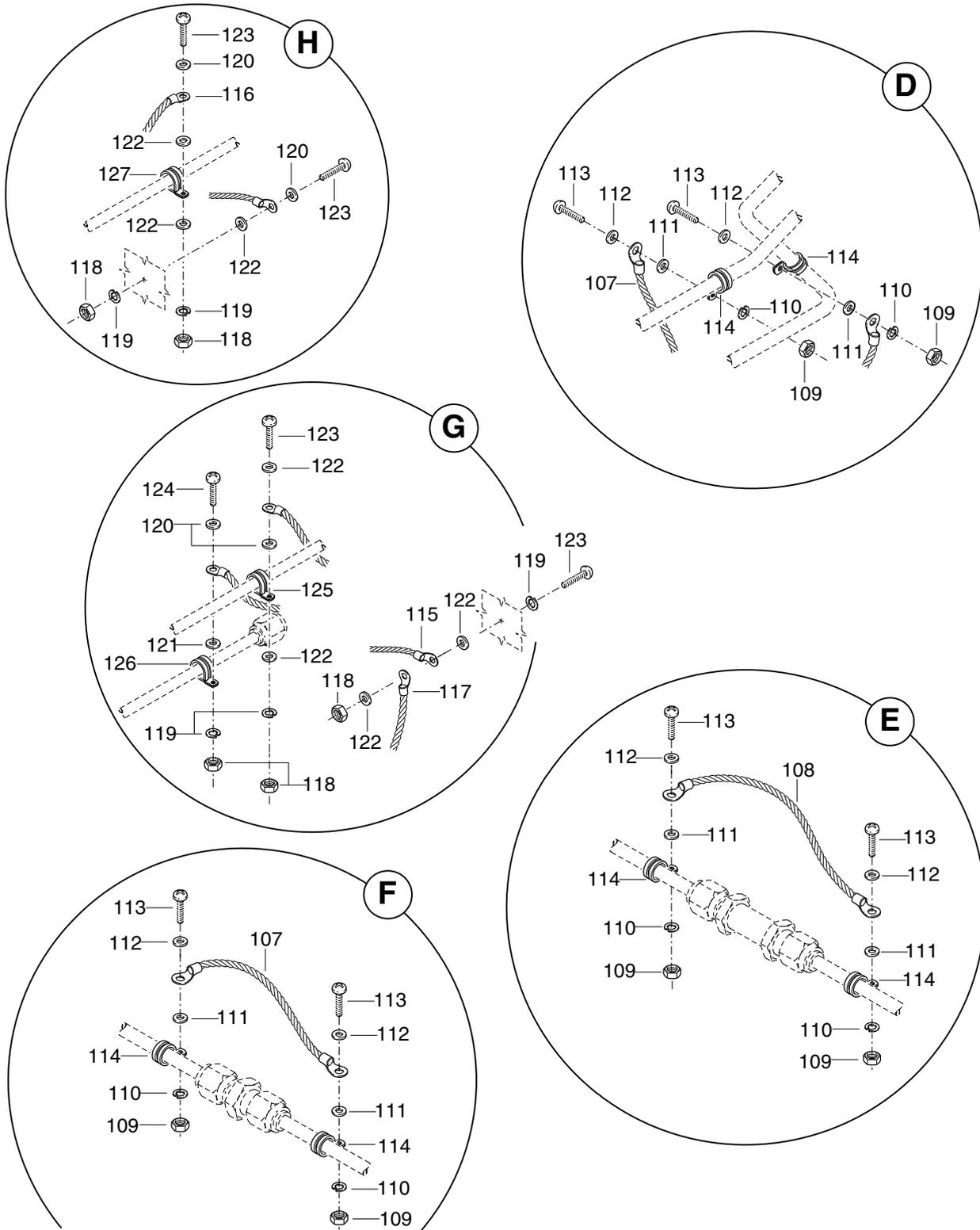
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FIGURA 01. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSLG, ENTRE CAVERNAS 3 E 8 (FOLHA 2 DE 3)  
 FIGURE 01. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SHEET 2 OF 3)

REVISÃO 6  
 CHANGE 6

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FIGURA 01. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 3 E 8 (FOLHA 3 DE 3)  
 FIGURE 01. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SHEET 3 OF 3)

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REVISÃO 6  
 CHANGE 6

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL,ENTRE CAVERNAS 3 E 8 .....				
		MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 .....				
1	312-04392-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0007).....	001JK	1	006321	
		HOSE ASSY (PRE MOD SB 312-029-0007).....				
	312-11517-001	.MANGUEIRA CONJ.....	001JK	1	A	
		HOSE ASSY .....				
2A	MS21916-10-8	.CONEXAO REDUTORA (PRE MOD BS 312-029-0007) .....	96906	1	006321	
		FITTING, REDUCER (PRE MOD SB 312-029-0007).....				
	MS21902J8	.CONEXAO UNIAO SEM FLANGE, INOX.....	96906	1	A	
		UNION, FLARELESS, CRES .....				
3A	MS28778-10	.ANEL VED,BOR NBR PI FL HIDR (PRE MOD BS312-029-0007) .....	96906	1	006321	
		O'RING (PRE MOD SB 312-029-0007).....				
	MS28778-8	.ANEL DE VEDACAO .....	96906	1	A	
		O'RING .....				
4	312-08907-001	.TUBO CONJ.....	001JK	1		
		LINE ASSY.....				
5	MS21924-8	.CONEXAO UNIAO .....	96906	1		
		FITTING .....				
6	AN924-8	.PORCA (PF) .....	88044	1		
		NUT(AP).....				
7	AN960-1216	.ARRUELA (PF).....	88044	1		
		WASHER (AP) .....				
	820-40849-10	.INSCRICAO TECNICA .....	001JK	1		
		PLACARD .....				
9	312-08038-001	.TUBO CONJ .....	001JK	1		
		LINE ASSY.....				
	PE27019R18	.BRACADEIRA .....	001JK	1		
		CLAMP,STEEL, ASBESTOS CUSHIONTEEL .....				
	MS21042L3	.PORCA (PF) .....	96906	1		
		NUT(AP).....				
	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP) .....				
	MS35338-43	.ARRUELA (PF).....	96906	1		
		WASHER (AP) .....				
	NAS1197-10L	.ARRUELA (PF).....	80205	1		
		WASHER (AP) .....				
	AN3-4A	.PINO ROSCADO (PF) .....	88044	1		
		BOLT(AP).....				
10	AV16B1943B	.VALVULA (B3).....	73760	1		
		VALVE, SHUTOFF (B3) .....				
	AN3-24A	.PINO ROSCADO (PF) .....	88044	4		
		BOLT,PAN HEAD, CROSS RECESS, STEEL (AP).....				
	AN960-10L	.ARRUELA (PF) .....	88044	4		
		WASHER, FLA T (AP) .....				
13	312-02719-001	.FLANGE.....	001JK	2		
		FLANGE.....				
14	312-05591-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0007) (INTERCAMBIAVEL ONE-WAY COM P/N=312-11516-001) .....	001JK	1	006321	
		HOSE ASSY (PRE MOD SB 312-029-0007) (ONE-WAY INTERCHANGEABLE WITH P/N312-11516-001).....				
	312-11516-001	.MANGUEIRA CONJ.....	001JK	1	A	
		HOSE ASSY .....				
	MS21919WDG14	.BRACADEIRA,CONJ AMORTECEDOR AMIANTO.....	96906	1	C	
		CLAMP ASSY,ASBESTOS CUSHION STEEL (AP).....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01	MS21919WDG13	. BRACADEIRA, CONJ AMORTECEDOR AMIANTO .....	96906	2	322999	
	MS21042L3	. CLAMP ASSY, ASBESTOS CUSHION STEEL (AP) .....	96906	1	B	
	NAS1197-10L	. PORCA (PF) .....	80205	2	C	
	AN960C10L	. NUT (AP) .....	88044	2	322999	
	AN3-4A	. ARRUELA (PF) .....	88044	1	B	
	AN3-3A	. WASHER (AP) .....	88044	1	322999	
15	MS21902-6	. ARRUELA PLANA-INOX .....	96906	1	006321	
15A	MS21902J6	. WASHER, FLAT-CRES .....	96906	1	A	
16	MS28778-6	. PINO ROSCADO (PF) .....	96906	1		
17	312-19329-001	. BOLT (AP) .....	001JK	1		
18	MS21916D8-6	. PINO ROSCADO (PF) .....	96906	1		
19	MS28778-8	. BOLT (AP) .....	96906	1		
20	MS21924-6	. UNIAO (PRE MOD BS 312-029-0007) .....	96906	1		
21	AN924-6	. UNION (PRE MOD SB 312-029-0007) .....	88044	1		
22	AN960-916L	. CONEXAO (POS MOD BS 312-029-0007) .....	88044	1		
	312-02788-001	. CONNECTION (POST MOD SB 312-029-0007) .....	001JK	1		
24	312-08836-001	. ANEL DE VEDACAO .....	001JK	1		
25	MS21916D8-5	. O'RING .....	96906	1		
26	MS28778-8	. TUBO CONJ HIDRAULICO SISTEMA .....	96906	1		
27	AD3258-8Y44	. TUBE ASSY HYDRAULIC SYSTEM .....	96906	1		
	AN960-416L	. CONEXAO REDUTORA .....	96906	1		
	AN4-22A	. REDUCER CONNECTION .....	88044	3		
28	312-08190-001	. ANEL DE VEDACAO .....	88044	3		
	312-11559-007	. O'RING .....	001JK	1	005340	
29	AN924-4D	. FILTRO (S18) .....	001JK	1	005999	
30	MS28778-4	. FILTER (S18) .....	88044	1		
		. ARRUELA PLANA, ACO (PF) .....	88044	3		
		. WASHER, FLAT, STEEL (AP) .....	88044	3		
		. PINO ROSCADO (PF) .....	88044	3		
		. BOLT (AP) .....	001JK	1	005340	
		. MANGUEIRA CONJ (INTERCAMBIAVEL ONE-WAY COM PIN=312-11559-007) (BS 312-29-0008) .....	001JK	1	005340	
		. HOSE ASSY-HYDRAULIC SYSTEM (ONE-WAY INTERCHANGEABLE WITH PIN=312-11559-007) (BS 312-029-0008) .....	001JK	1	005999	
		. MANGUEIRA CONJ .....	001JK	1	005999	
		. HOSE ASSY-HYDRAULIC SYSTEM .....	88044	1		
		. PORCA SEXTAVADA PLANA .....	88044	1		
		. NUT .....	88044	1		
		. ANEL DE VEDACAO .....	96906	1		
		. O'RING .....	96906	1		

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
31	MS21908D4	.CONEXAO 90 GRAUS ..... ELBOW, 90-DEGREE .....	96906	1		
32	312-02778-001	.TUBO CONJ ..... LINE ASSY .....	001JK	1	006453	
33	AN924-4D	.PORCA SEXTAVADA PLANA ..... NUT .....	88044	1		
34	AN960-716	.ARRUELA PLANA ..... WASHER .....	88044	1		
35	MS21924D4	.UNIAO ..... CONNECTION, UNION .....	96906	1		
36	MS21924D4	.UNIAO ..... CONNECTION, UNION .....	96906	1	E F	
	312-13718-001	.CONEXAO ..... COUPLING .....	001JK	1		
37	AN924-4D	.PORCA SEXTAVADA PLANA (PF) ..... NUT(AP).....	88044	1		
38	AN960-716	.ARRUELA PLANA (PF) ..... WASHER (AP) .....	88044	1		
39	MS28778-4	.ANEL DE VEDACAO ..... O'RING .....	96906	1		
40	312-08793-001	.TUBO CONJ ..... LINE ASSY .....	001JK	1		
41	AN924-4D	.PORCA SEXTAVADA PLANA ..... NUT .....	88044	1		
42	MS28778-4	.ANEL DE VEDACAO ..... O'RING .....	96906	1		
43	MS21908D4	.CONEXAO 90 GRAUS ..... ELBOW, 90-DEGREE .....	96906	1		
44	499A-4BBB	.VALVULA DE PRIORIDADE ..... VALVE, SHUTTLE .....	91816	1		
45	1143-A0610	.VALVULA..... VALVE, RESTRICTOR .....	70236	1		
46	312-08794-001	.TUBO CONJ ..... LINE ASSY .....	001JK	1		
48	312-08802-001	.TUBO CONJ ..... LINE ASSY .....	001JK	1		
49	MS21902D4	.UNIAO ..... UNION .....	96906	1		
50	312-08043-001	.TUBO CONJ (PRE MOD BS 312-029-0009) ..... LINE ASSY (PRE MOD SB 312-029-0009) .....	001JK	1	006224	
	312-12823-001	.TUBO CONJ ..... TUBE ASSY-HYDRAULIC SYSTEM.....	001JK	1	G	
51	MS21908D4	.CONEXAO 90 GRAUS ..... ELBOW, 90-DEGREE.....	96906	1		
52	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT(AP).....	88044	1		
53	AN960-716L	.ARRUELA PLANA,ACO (PF) ..... WASHER (AP) .....	88044	1		
54	312-08253-001	.TUBO CONJ ..... LINE ASSY.....	001JK	1		
55	19496	.TRAVA DO TREM DE NARIZ EMBAIXO (INTERCAMBIAVEL ONE-WAY COM P/N=2108-0001-003)..... DOWNLOCK, NOSE GEAR (ONE-WAY INTERCHANGEABLE WITH P/N=2108-0001-003).....	F0189	1	006434, 440/453	
	2108-0001-003	.ATUADOR DESTRAVAMENTO CONJ.....	005TK		006999	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>ACTUATOR ASSY, UNLOCK</i> .....				
	AN4H5A	.PINO ROSCADO(PRE MOD BS 312-032-0019)(PF) .....	88044	4	171321	
	312-11460-003	<i>BOLT(PRE MOD BS 312-032-0019)(AP)</i> .....				
		.PARAFUSO (PF).....	001JK	3	H	
	312-13364-001	<i>SCREW(AP)</i> .....				
		.PINO ROSCADO (PRE MOD BS 312-032-0019)(PF) .....	001JK	1	171321	
	312-11460-001	<i>BOLT (PRE MOD BS 312-032-0019)(AP)</i> .....				
		.PARAFUSO(PF).....	001JK	1	H	
		<i>SCREW(AP)</i> .....				
	AN4H5A	. PINO ROSCADO (PRE MOD BS 312-032-0019) (PF) .....	88044	4	006170	
	312-11460-001	<i>BOLT(PRE MOD BS 312-032-0019)(AP)</i> .....				
		.PARAFUSO (POS MOD BS 312-032-0019) (PF).....	001JK	4	006170	
		<i>SCREW (POST MOD BS 312-032-0019) (AP)</i> .....				
	AN960-416	.ARRUELA PLANA (PF) .....	88044	3		
	312-10814-001	<i>WASHER,FLA T (AP)</i> .....				
		.ARRUELA (PF) .....	001JK	1		
		<i>WASHER (AP)</i> .....				
	K8001-3	.INSERT-SELF LOCKWIRE .....	75237	1	J	
	MS20995C32	<i>INSERTO-AUTO FRENANTE</i> .....				
		.ARAME DE FRENO .....	96906	CR		
		<i>WIRE-LOCK,SSTEEL</i> .....				
56	312-08191-001	.MANGUEIRA CONJ (PARA TROCA USE P/N=312-11611-001,CONFORME BS 312-29-0008 E PRE MOD BS 312-32-0011) .....	001JK	1	006224	
	312-11611-001	<i>HOSE ASSY (FOR REPLACEMENT USE P/N=312-11611-001,CONFORM SB312-29-0008 AND PRE MOD SB 312-32-0011)</i> .....				
		.MANGUEIRA CONJ (PRE MOD BS 312-32-0011) .....			006224	
		<i>HOSE ASSY (PRE MOD SB 312-29-0011)</i> .....				
	312-15166-001	.MANGUEIRA CONJ (POS MOD SB 312-32-0011) (INTERCAMBIAVEL ONE-WAY COM P/N=312-11602-001) .....	001JK	1	D	
		<i>HOSE ASSY (POST MOD SB 312-32-0011) (ONE-WAY INTERCHANGEABLE WITH P/N=312-11602-001)</i> .....				
	312-11602-001	.MANGUEIRA CONJ .....	001JK	1	225999	
		<i>HOSE ASSY-HYDRAULIC SySTEM</i> .....				
57	MS21902D4	.UNIAO (PRE MOD BS 312-32-0011) .....	96906	1	006264	
	MS21908D4	<i>UNION (PRE MOD SB 312-32-0011)</i> .....				
		.CONEXAO 90 GRAUS .....	96906	1	K	
	AN924-4D	<i>ELBOW, 90-DEGREE</i> .....				
		.PORCA SEXTAVADA PLANA .....	88044	1	K	
		<i>NUT</i> .....				
58	MS28778-4	.ANEL DE VEDACAO .....	96906	1		
		<i>O'RING</i> .....				
59A	312-08893-001	.TUBO CONJ .....	001JK	1		
		<i>LINE ASSY</i> .....				
59B	312-08798-001	.TUBO CONJ .....	001JK	1		
		<i>LINE ASSY</i> .....				
60	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	1		
		<i>NUT</i> .....				
61	AN960-716	.ARRUELA PLANA.....	88044	1		
		<i>WASHER</i> .....				
62	MS21912D4	.CONEXAO EM TE .....	96906	1		
		<i>TEE</i> .....				
63	312-08803-001	.TUBO CONJ .....	001JK	1		
		<i>TUBE ASSY</i> .....				
64	MS21902D4	.UNIAO .....	96906	2		

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		UNION .....				
65	MS21908D4	.CONEXAO 90 GRAUS .....	96906	1		
		ELBOW, 90-DEGREE .....				
66	AN924-4D	.PORCA SEXTAVADA PLANA (PF) .....	88044	1		
		NUT (AP).....				
67	AN960-716L	.ARRUELA PLANA,ACO (PF) .....	88044	1		
		WASHER (AP) .....				
68	312-08044-001	.TUBO CONJ (PRE MOD BS 312-029-0009) .....	001JK	1	006224	
		TUBE ASSY (PRE MOD SB 312-029-0009).....				
	312-12824-001	.TUBO CONJ .....	001JK	1	G	
		TUBE ASSY-HYDRAULIC SYSTEM.....				
69	WTC2115-1	.CILINDRO ATUADOR (INTERCAMBIAVEL ONE-WAY COM P/N=WTC2254-1).....	62064	1	006380	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N=WTC2254-1) .....				
	WTC2254-1	.CILINDRO ATUADOR (INTERCAMBIAVEL ONE-WAY COM P/N=2112-0001-003).....	62064	1	381999	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N=2112-0001-003) .....				
	2112-0001-003	.ATUADOR LINEAR HIDRAULICO,CONJ.....	005TK	1	006999	
		ACTUATOR,LINEAR HYDRAULIC ASSY.....				
70	312-08799-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
70C	MS21902D4	.UNIAO .....	96906	1		
		UNION .....				
70D	MS28778-4	.ANEL DE VEDACAO .....	96906	1		
		O'RING .....				
71	312-08040-001	.TUBO CONJ (PRE MOD BS 312-029-0009) .....	001JK	1	006224	
		LINE ASSY (PRE MOD SB 312-029-0009) .....				
	312-12820-001	.TUBO CONJ .....	001JK	1	G	
		TUBE ASSY-HYDRAULIC SYSTEM .....				
72	MS21924D4	.UNIAO .....	96906	1		
		CONNECTION, UNION .....				
73	AN924-4D	.PORCA SEXTAVADA PLANA (PF) .....	88044	1		
		NUT(AP).....				
74	AN960-716L	.ARRUELA PLANA,ACO (PF) .....	88044	1		
		WASHER (AP) .....				
75	312-08806-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ONE-WAY COM P/N=312-1605-007) (BS 312-29-0008) .....	001JK	1	006304	
		HOSE ASSY(ONE-WAY INTERCHANGEABLE WITH P/N=312-11605-007) (BS 312-029-0008) .....				
	312-11605-007	.MANGUEIRA CONJ .....	001JK	1	305999	
		HOSE ASSY-HYDRAULIC SYSTEM .....				
76	MS21902D4	.UNIAO .....	96906	1		
		UNION .....				
77	MS28778-4	.ANEL DE VEDACAO .....	96906	1		
		O'RING .....				
78	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	1		
		NUT .....				
79	AN960-716	. ARRUELA PLANA.....	88044	1		
		WASHER .....				
80	MS21924D4	.UNIAO .....	96906	1		
		CONNECTION, UNION .....				
81	MS28778-4	.ANEL DE VEDACAO .....	96906	1		
		O'RING .....				
82	499A-4BBB	. VALVULA DE PRIORIDADE .....	91816	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		VALVE, SHUTTLE.....				
83	312-06704-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ONE-WAY COM P/N=312-11559-005).....	001JK	1	006304	
	312-11559-005	HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N=312-11559-005).....				
		.MANGUEIRA CONJ.....	001JK	1	006353	
84	MS21902D4	HOSE ASSY-HYDRAULIC SYSTEM.....				
		.UNIAO.....	96906	1		
85	MS28778-4	UNION.....				
		.ANEL DE VEDACAO.....	96906	1		
		O'RING.....				
86	WTC2114-1	.CILINDRO ATUADOR (INTERCAMBIAVEL ONE-WAY COM P/N=WTC2258-1).....	62064	1	006391	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N=WTC2258-1).....				
	WTC2258-1	.CILINDRO ATUADOR (INTERCAMBIAVEL ONE-WAY COM P/N=2111-0001-001).....	62064	1	006428	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N=2111-0001-001).....		1		
	2111-0001-001	.ATUADOR CONJ.....	005TK		006999	
		ACTUATOR,ASSY.....				
	AN320-3	.PORCA (PF).....	88044	1		
		NUT (AP).....				
	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER, FLAT (AP).....				
	AN3-10	. PINO ROSCADO (PF).....	88044	1		
		BOLT, MACHINE, TRUSS HEAD, STEEL (AP).....				
90	312-08804-001	. TUBO CONJ.....	001JK	1		
		LINE ASSY.....				
91	AN924-4D	.PORCA SEXTAVADA PLANA.....	88044	1		
		NUT.....				
92	AN960-716	. ARRUELA PLANA.....	88044	1		
		WASHER.....				
93	MS219007D4	. CONEXAO 45 GRAUS.....	96906	1		
		CONNECTION 45-DEGREE.....				
94	312-08801-001	. TUBO CONJ.....	001JK	1		
		TUBE ASSY.....				
95	MS21902D4	. UNIAO.....	96906	1		
		UNION.....				
96	MS21924D4	. UNIAO.....	96906	1		
		CONNECTION, UNION.....				
97	AN924-4D	. PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT(AP).....				
98	AN960-716L	. ARRUELA PLANA, ACD (PF).....	88044	1		
		WASHER (AP).....				
99	312-08041-001	.TUBO CONJ (PRE MOD BS 312-029-0009).....	001JK	1	006224	
		TUBE ASSY (PRE MOD SB 312-029-0009).....				
	312-12821-001	.TUBO CONJ.....	001JK	1	G	
		TUBE ASSY-HYDRAULIC SYSTEM.....				
	MS3367-7-9	.FITA DE FIXACAO.....	96906	CR	G	
		STRAP, TIEDOWN.....				
100	MS3106F14S5S	. CONECTOR (P21).....	96906	1		
		CONNECTOR (P21).....				
102	102HNG326B	.BOMBA HIDRAULICA (PRE MOD BS 312-029-0007).....	80293	1	006321	
		PUMP, HYDRAULIC (PRE MOD SB 312-029-0007).....				
102A	DN40370	.BOMBA HIDRAULICA (POS MOD BS 312-029-0007).....	56705	1	A	

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>PUMP,HIDRAULIC (POST MOD SB 312-029-0007) .....</i>				
105	AS3491-01	.GAXETA,NAO ASBESTOS/BORRACHA .....	81343	1		
		<i>GASKET, NON ASBESTOS/NBR RUBBER.....</i>				
107	PE88001-1 BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB5) .....	001JK	2		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5)</i>				
	PE88001-5BB5	. METALIZACAO (BI312-00-0003) .....	001JK	2		
		<i>BONDING (IB 312-00-0003) .....</i>				
108	PE88001-1BB6	. METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6) .....	001JK	1		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6) .</i>				
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003).....	001JK	1		
		<i>JUMPER ASSY (IB 312-00-0003).....</i>				
109	MS21042L3	.PORCA (PF) .....	96906	6		
		<i>NUT(AP).....</i>				
110	MS35338-43	.ARRUELA (PF) .....	96906	6		
		<i>WASHER (AP) .....</i>				
111	AN960C10L	.ARRUELA PLANA,INOX (PF) .....	88044	6		
		<i>WASHER,FLAT,CRES (AP).....</i>				
112	AN960-10L	.ARRUELA (PF).....	88044	6		
		<i>WASHER,FLAT (AP) .....</i>				
113	MS27039C1-08	.PARAFUSO (PF).....	96906	6		
		<i>SCREW(AP) .....</i>				
114	PE27010C4	.BRACADEIRA. ....	001JK	6		
		<i>CLAMP .....</i>				
115	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB4) .....	001JK	1		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4) .</i>				
	PE88001-5BB4	.PONTE LIGACAO, CONJ (BI312-00-0003).....	001JK	1		
		<i>JUMPER ASSY (IB 312-00-0003) .....</i>				
116	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB5) .....	001JK	1		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5)</i>				
	PE88001-5BB5	. METALIZACAO (BI 312-00-0003) .....	001JK	1		
		<i>BONDING (IB 312-00-0003) .....</i>				
117	PE88001-1BB8	. METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB8) .....	001JK	1		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB8) .</i>				
	PE88001-5BB8	.PONTE LIGACAO, CONJ (BI 312-00-0003).....	001JK	1		
		<i>JUMPER ASSY (IB 312-00-0003) .....</i>				
118	MS21042L3	.PORCA (PF) .....	96906	5		
		<i>NUT (AP) .....</i>				
119	MS35338-43	.ARRUELA (PF) .....	96906	5		
		<i>WASHER (AP) .....</i>				
120	AN960-10L	.ARRUELA (PF) .....	88044	4		
		<i>WASHER,FLAT (AP) .....</i>				
121	AN960C10L	.ARRUELA PLANA,INOX (PF) .....	88044	1		
		<i>WASHER,FLAT,CRES (AP) .....</i>				
122	NAS1197-10L	.ARRUELA (PF) .....	80205	8		
		<i>WASHER (AP) .....</i>				
123	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	4		
		<i>SCREW, TRUSS HEAD (AP).....</i>				
124	MS27039C1-08	.PARAFUSO (PF).....	96906	1		
		<i>SCREW(AP) .....</i>				
125	PE27010A6	. BRACADEIRA .....	001JK	1		
		<i>CLAMP,ALUMINUM .....</i>				

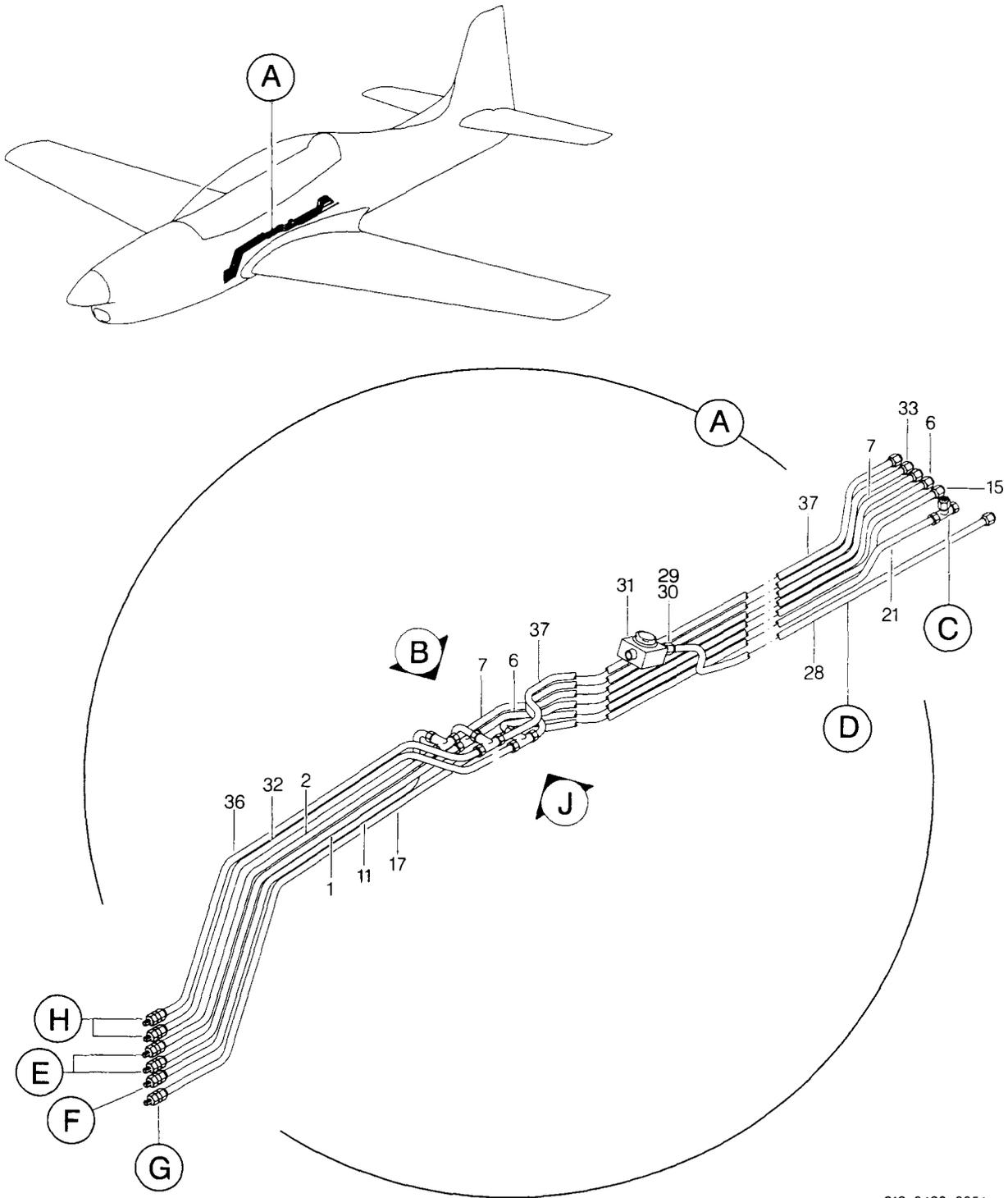
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
126	PE27010C8	.BRACADEIRA .....	001JK	1		
		CLAMP .....				
127	PE27010A5	. BRACADEIRA .....	001JK	1		
		CLAMP .....				
128		UTILIZACAO ESPECIFICA USE TEA/AIT ALARME DE PRESSAO HIDRAULICA (VEJA FIG 29-30-00-01) .....		REF		
		HYDRAULIC PRESSURE WARNING LIGHT (SEE FIG 29-30-00-01) .....				
		EFETIVIDADES USAGE CODE LIST				
		A AVIOES 312006 A 312321 (POS MOD BS 312-29-0007),312322 E SEGUINTE				
		A AIRCRAFT 312006 THRU 312364 (POST MOD BS 312-29- 0007),312322 AND ON				
		B AVIOES 312053,312149,312322 E SEGUINTE				
		B AIRCRAFT 312053,312149,312322 AND ON				
		C AVIOES 312053 A 312149,312293 a 312321				
		C AIRCRAFT 312053 A 312149,312293 THRU 312321				
		D AVIOES 312006 A 312264, (POS MOD BS 312-032-0011),312265 A 312340				
		D AIRCRAFT 312006 A 312264, (POST MOD BS 312-032- 0011),312265 THRU 312340				
		E AVIOES 312006 A 312052,312054 A 312148,312150 A 312206 (PRE MOD BS 312-029-0005)				
		E AIRCRAFT 312006 A 312052,312054 A 312148,312150 A 312206 (PRE MOD BS 312-029-0005)				
		F AVIOES 312006 A 312052,312054 A 312148,312150 A 312206 (PRE MOD BS 312-029-0005)				
		F AIRCRAFT 312006 A 312052,312054 A 312148,312150 A 312206 (POST MOD BS 312-029-0005)				
		G AVIOES 312006 A 312224 (POS MOD BS 312-029-0009), 312225 E SEGUINTE				
		G AIRCRAFT 312006 THRU 312224 (POST MOD BS 312-029- 0009), 312225 AND ON				
		H AVIOES 312171 A 312321 (POS MOD BS 312-032-0019), 312322 E SEGUINTE				
		H AIRCRAFT 312171 THRU 312321 (POS MOD BS 312-032-0019), 312322 AND ON				
		J AVIOES 312137 A 312170 (POS MOD BS 312-32-0019),312171 A 312321				
		J AIRCRAFT 312137 THRU 312170 (POST MOD BS 312-32- 0019),312171 THRU 312321				
		K AVIOES 312006 A 312264 (POS MOD BS 312-32-0011),312265 E SEGUINTE				
		K AIRCRAFT 312006 THRU 312264 (POST MOD SB 312-32-0011) 312265 AND ON				

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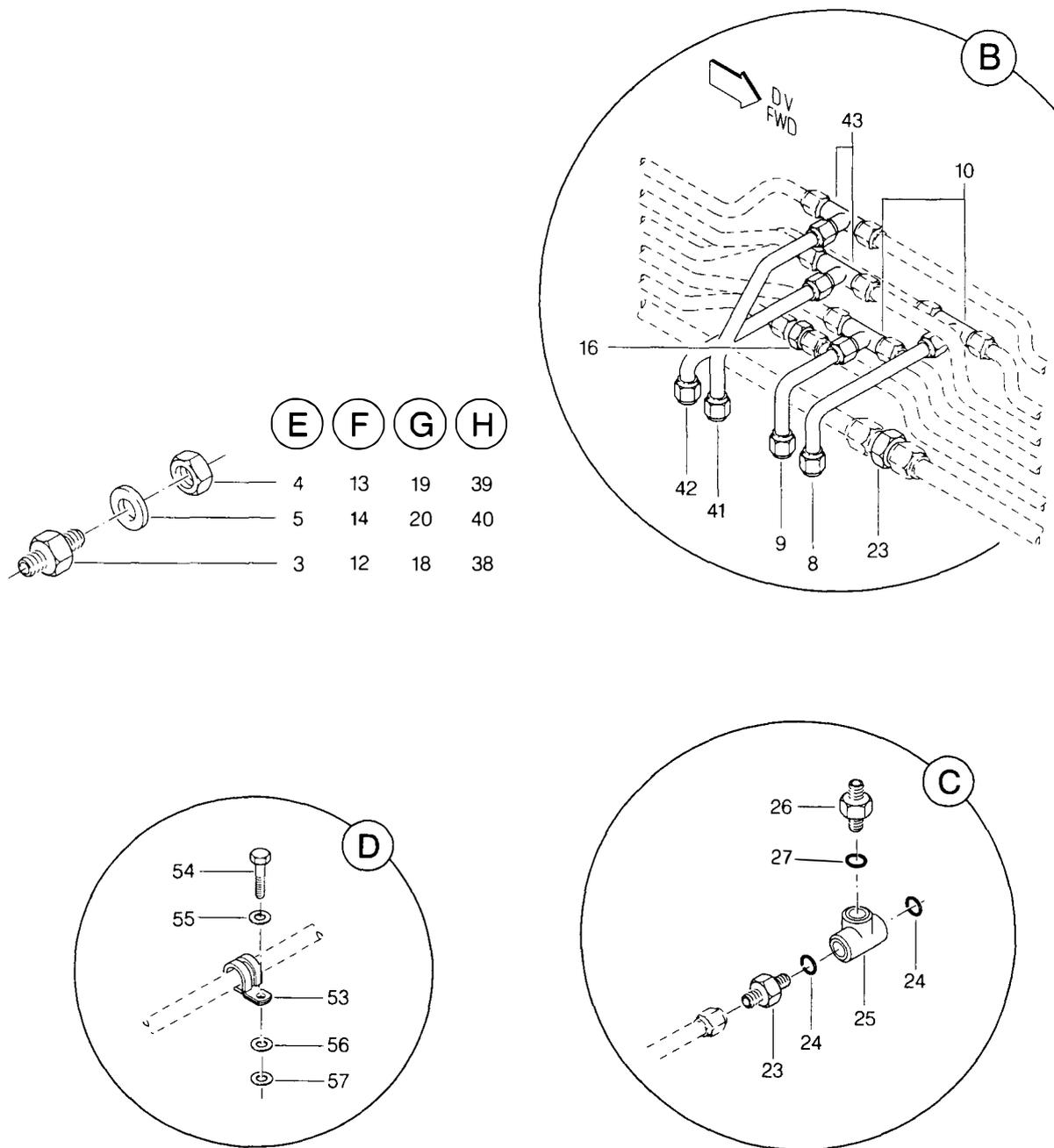


312 0429 0054

FIGURA 03. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 8 E 14 (FOLHA 1 DE 3)  
FIGURE 03. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 8 & 14 (SHEET 1 OF 3)

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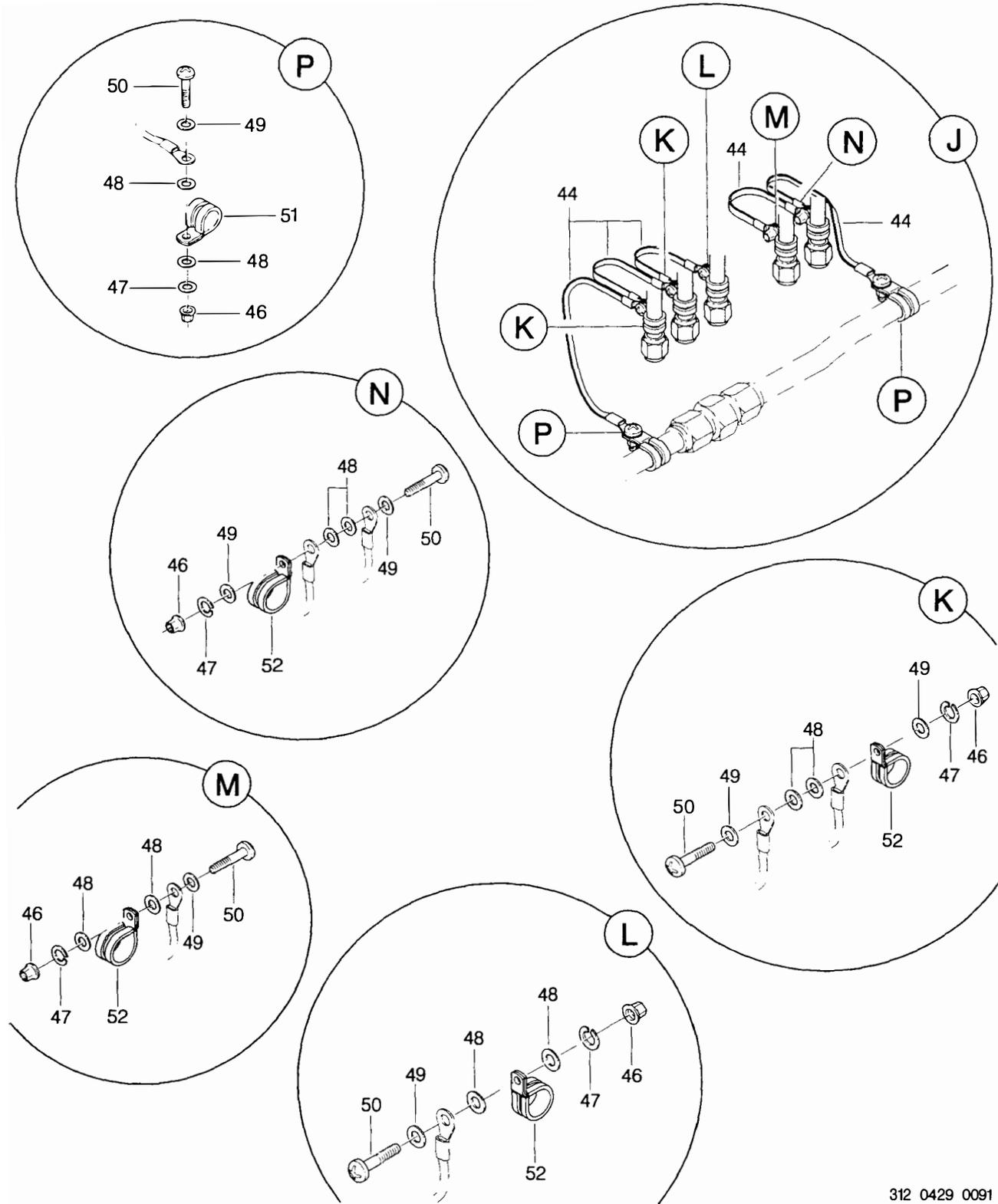


312 0429 0055

**FIGURA 03. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 8 E 14 (FOLHA 2 DE 3)**  
**FIGURE 03. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 8 & 14 (SHEET 2 OF 3)**

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312 0429 0091

FIGURA 03. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 8 E 14 (FOLHA 3 DE 3)  
FIGURE 03. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 8 & 14 (SHEET 3 OF 3)

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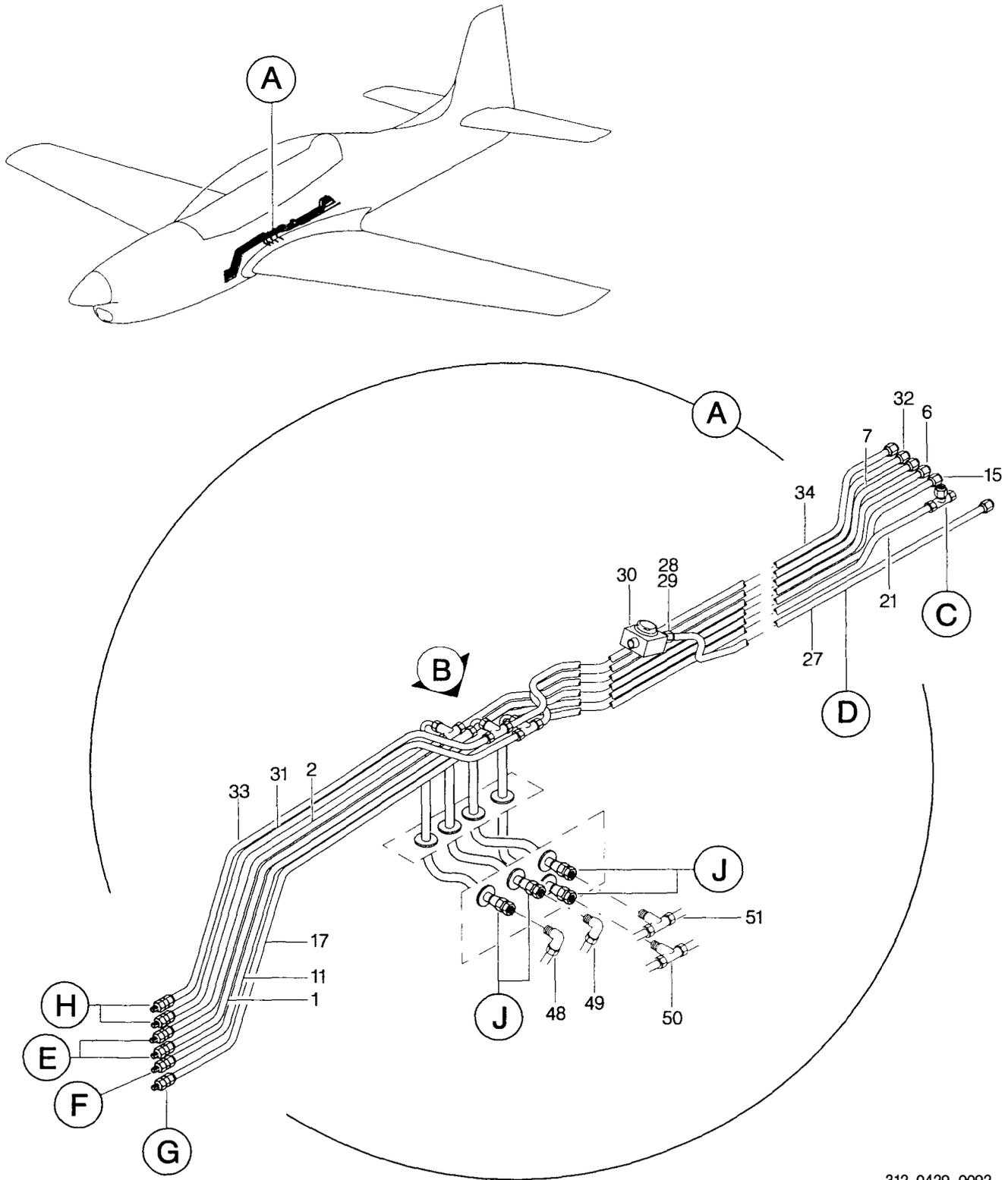
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03		SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTR E CAVERNAS 8 E 14..... MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BE TWEEN FRAMES 8 & 14.....		REF	A	
1	312-08049-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	312-08048-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
3	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
4	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
5	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
6	312-08059-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
7	312-08060-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
8	312-08053-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
9	312-08054-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
10	MS21905D4	.CONEXAO EM TE..... TEE,FLARELESS TUBE,ALUMINUM.....	96906	2		
11	312-08050-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
12	MS21924-D5	.UNIAO..... FITTING,UNION.....	96906	1		
13	AN924-5D	.PORCA (PF)..... NUT (AP).....	88044	1		
14	AN960-816L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
15	312-08058-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
16	MS21902-D5	.UNIAO..... UNION.....	96906	1		
17	312-08051-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	MS21924D8	.UNIAO..... UNION.....	96906	1		
19	AN924-8D	.PORCA (PF)..... NUT (AP).....	88044	1		
20	AN960-1216L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
21	312-09532-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
23	MS21902D8	.CONNECTION..... CONNECTION.....		2		
24	MS28778-8	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
25	AN938D8	.CONEXAO EM TE..... TEE,TUBE,INTERNAL THREAD,AL.....	88044	1		
26	MS21916D8-4	.CONEXAO REDUTORA..... REDUCER.....	96906	1		
27	MS28778-8	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
28	312-08786-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
29	MS21916D6-5	.CONEXAO REDUTORA..... REDUCER.....	96906	1		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
30	MS28778-6	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
31	10-1026	.VALVULA SELETORA..... VALVE, SELECTOR.....	92003	1		
	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
	AN3H3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4		
32	312-08046-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
33	312-11012-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
36	312-08045-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
37	312-08062-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	MS3367-7-9	.FIT A DE FIXACAO..... STRAP, TIEDOWN.....	96906	AR	B	
38	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
39	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
40	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	2		
41	312-08055-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
42	312-08056-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
43	MS21905D4	.CONEXAO EM TE..... TEE, FLARELESS TUBE, ALUMINUM.....	96906	2		
44	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).....	S4956	5		
	PE88001-5BB4	.PONTE LIGACAO, CONJ (B.I. 312-00-0003)..... JUMPER ASSY (I.B. 312-00-0003).....	S4956	5		
46	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	7		
47	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	7		
48	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	14		
49	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	7		
50	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	7		
51	PE27010A8	.BRACADEIRA..... CLAMP.....	S4956	2		
52	PE27010A4	.BRACADEIRA..... CLAMP.....	S4956	5		
53	PE27019RI5	.BRACADEIRA..... CLAMP ASSYINING.....	S4956	1		
54	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
55	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
56	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	1		
57	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PRE MOD SB 312-00-0003 B AVIOES 312006 A 312224 (POS MOD BS 312-29-0009), 312225 E SEGUINTEs B AIRCRAFT 312006 THRU 312224 (POST MOD SB 312-29-0009) , 312225 AND ON						



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FIGURA 04. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 3 E 8 (FOLHA 1 DE 2)  
FIGURE 04. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SHEET 1 OF 2)

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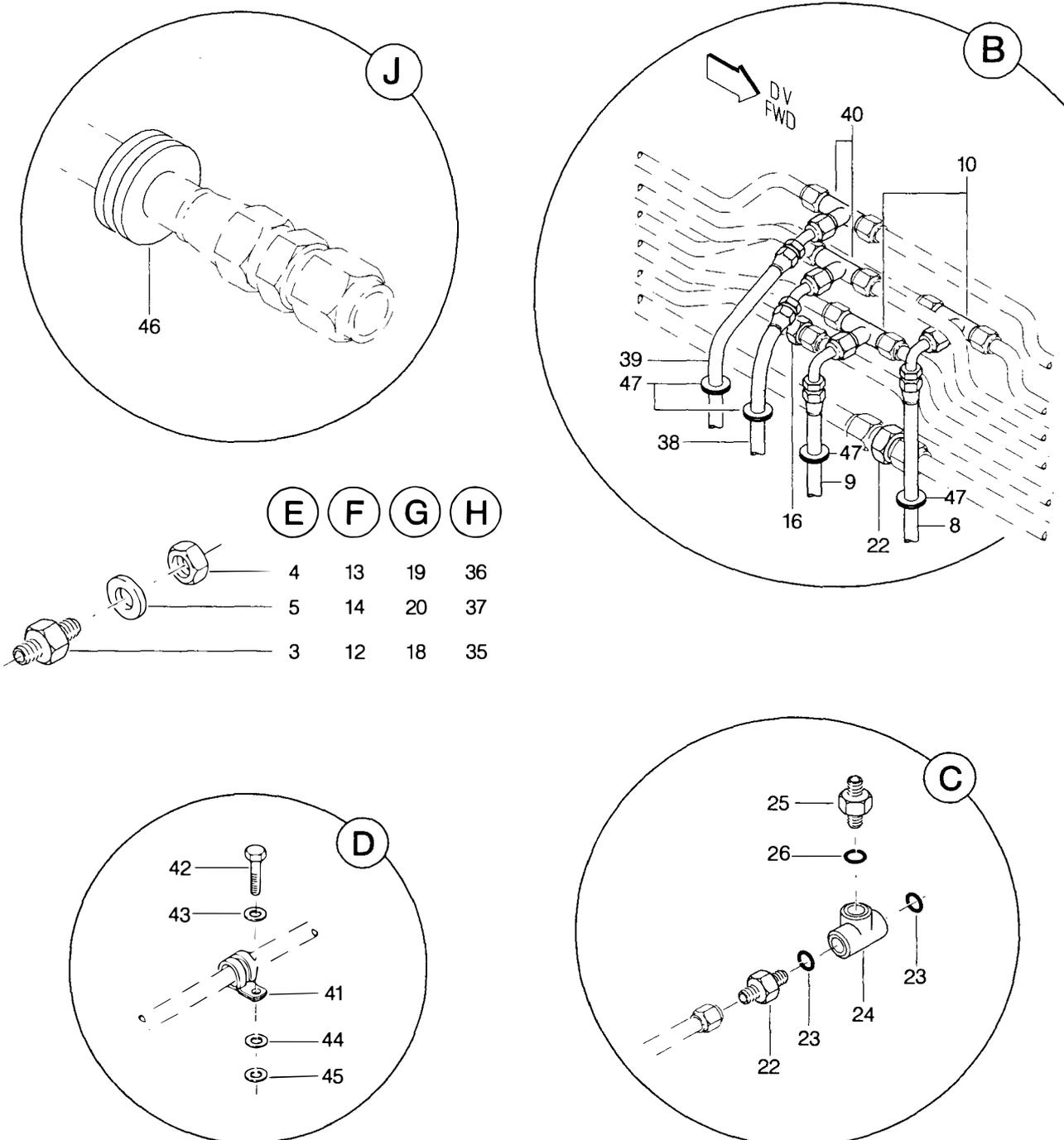


FIGURA 04. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 3 E 8 (FOLHA 2 DE 2)  
 FIGURE 04. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04		SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTR E CAVERNAS 3 E 8..... MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BE TWEEN FRAMES 3 & 8.....		REF		
1	312-08049-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	312-08048-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
3	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
4	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
5	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
6	312-08059-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
7	312-08060-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
8	A9804-903	.MANGUEIRA CONJ. RETRACAO TREM..... HOSE ASSY LANDING GEAR EXTENSION.....	11362	1		
9	A9804-901	.MANGUEIRA CONJ. RETRACAO TREM..... HOSE ASSY LANDING GEAR RETRACTION.....	11362	1		
10	MS21905D4	.CONEXAO EM TE..... TEE, FLARELESS TUBE, ALUMINUM.....	96906	2		
11	312-08050-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
12	MS21924-D5	.UNIAO..... FITTING, UNION.....	96906	1		
13	AN924-5D	.PORCA (PF)..... NUT (AP).....	88044	1		
14	AN960-816L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
15	312-08058-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
16	MS21902-D5	.UNIAO..... UNION.....	96906	1		
17	312-08051-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	MS21924D8	.UNIAO..... UNION.....	96906	1		
19	AN924-8D	.PORCA (PF)..... NUT (AP).....	88044	1		
20	AN960-1216L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
21	312-09532-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
22	MS21902D8	.CONNECTION..... CONNECTION.....		2		
23	MS28778-8	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
24	AN938D8	.CONEXAO EM TE..... TEE, TUBE, INTERNAL THREAD, AL.....	88044	1		
25	MS21916D8-4	.CONEXAO REDUTORA..... REDUCER.....	96906	1		
26	MS28778-8	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
27	312-08786-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
28	MS21916D6-5	.CONEXAO REDUTORA..... REDUCER.....	96906	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
29	MS28778-6	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
30	10-1026	.VALVULA SELETORA..... VALVE, SELECTOR.....	92003	1		
	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	AR		
	AN3H3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
	AN960-10	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4		
31	312-08046-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
32	312-11012-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
33	312-08045-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
34	312-08062-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	MS3367-7-9	.FITA DE FIXACAO..... STRAP, TIEDOWN.....	96906	AR	B	
35	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
36	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
37	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	2		
38	A9805-903	.HOSE ASSY CLOSE DOOR..... HOSE ASSY CLOSE DOOR.....	11362	1		
39	A9805-901	.HOSE ASSY OPEN DOOR..... HOSE ASSY OPEN DOOR.....	11362	1		
40	MS21905D4	.CONEXAO EM TE..... TEE, FLARELESS TUBE, ALUMINUM.....	96906	2		
41	PE27019RI5	.BRACADEIRA..... CLAMP ASSYINING.....	S4956	1		
42	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
43	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
44	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	1		
45	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
46	MS35489-7	.ILHOS, BOR NBR..... GROMMET.....	96906	4		
47	MS35489-14	.ILHOS..... GROMMET, RUBBER.....	96906	4		
48		. SISTEMA HIDRAULICO INSTL, RETRACAO, ASA (VE JA CAP 32)..... HYDRAULIC SYSTEM INSTL, GEAR UP, WING (SEE CHA PTER 32).....		REF		
49		. SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA (VEJ A CAP 32)..... HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING (SEE C HAPTER 32).....		REF		
50		. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTA S, ASA (VEJA CAP 32)..... HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SEE CHAPTER 32).....		REF		

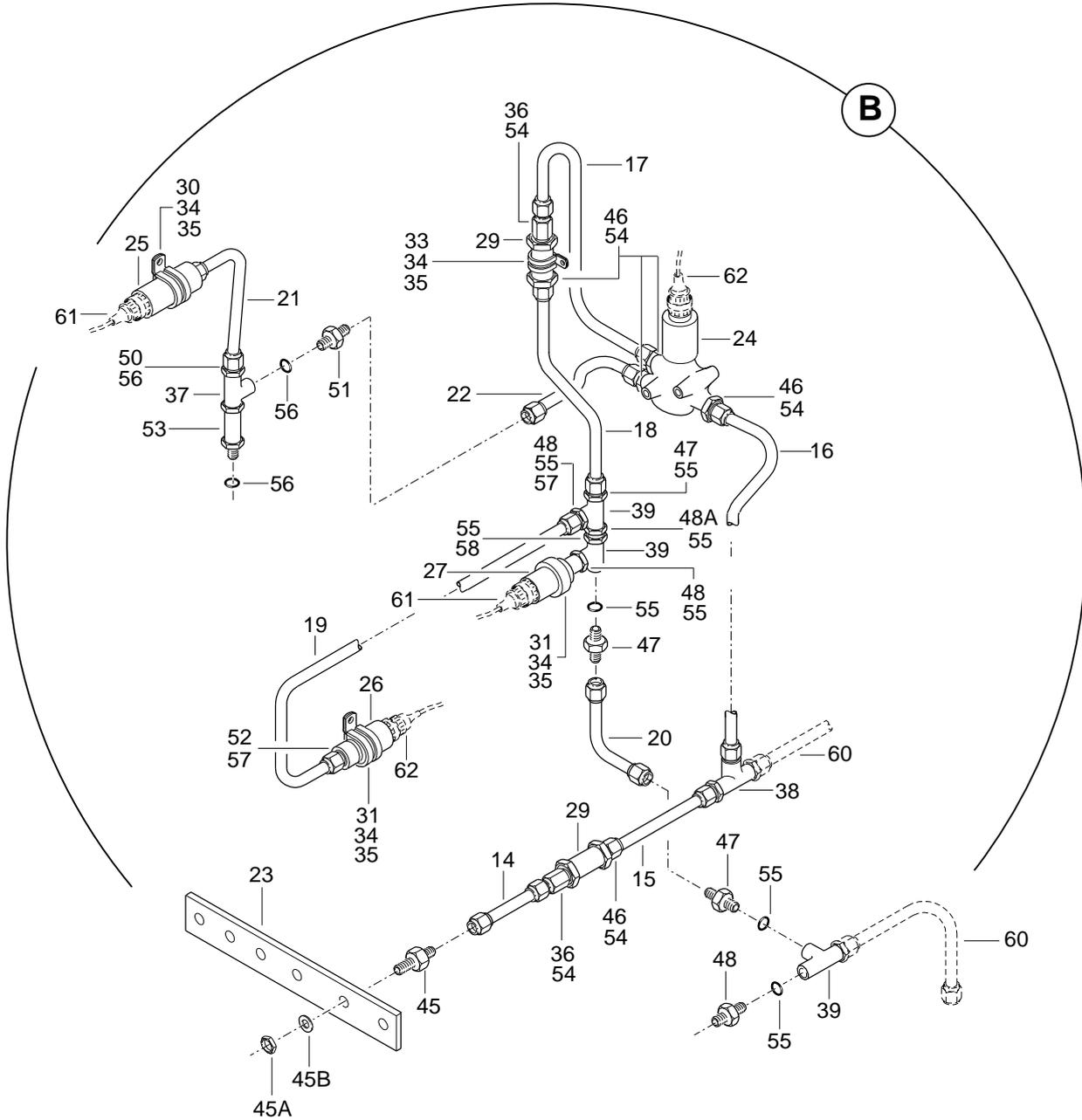
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04  51		. SISTEMA HIDRAULICO INSTL, FECHAMENTO DAS PORTAS, ASA (VEJA CAP 32)..... HYDRAULIC SYSTEM INSTL, CLOSE DOORS, WING (SEE CHAPTER 32).....  EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 A 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395, 312398 (POST MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395, 312398 (POST MOD SB 312-00-0003) B AVIOES 312011 A 312195 (POST MOD BS 312-29-0009), 312393 E SEGUINTE B AIRCRAFT 312011 THRU 312195 (POST MOD SB 312-29-0009), 312393 AND ON		REF		

29-10-00





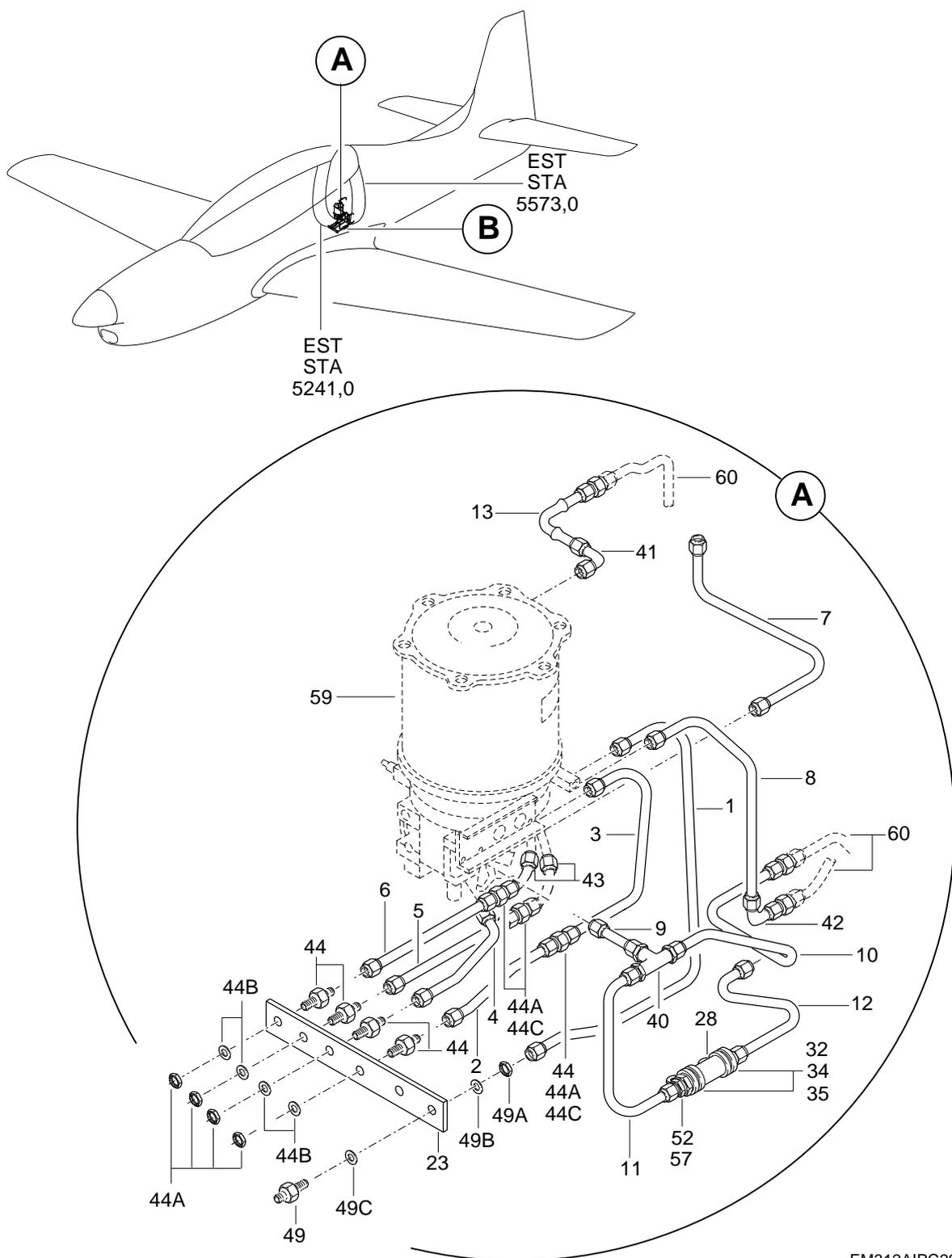
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FIGURA 05. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 14 E 15 (FOLHA 1 DE 2)  
 FIGURE 05. MAIN HYDR POWER SUPPL Y SYSTEM INSTL, FUSLG, BETWEEN FRAMES 14 & 15 (SHEET 1 OF 2)

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REVISÃO 9  
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FIGURA 05. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 14 E 15 (FOLHA 2 DE 2)  
 FIGURE 05. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 14 & 15 (SHEET 2 OF 2))

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 CHANGE 9

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 14 E 15 ..... MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 14 & 15 .....		REF		
1	312-09534-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1	A	
	312-08875-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1	045053	
2	312-02742-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
3	312-08877-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
4	312-02744-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
5	312-02745-001	.TUBO CONJ ..... TUBEASSY.....	001JK	1		
6	312-02746-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
7	312-14884-005	.TUBO CONJ ..... TUBE ASSY .....	001JK	1	B	
	312-08233-001	.TUBO CONJ (PRE MOD BS 312-029-0006) ..... TUBE ASSY (PRE MOD SB 312-029-0006) .....	001JK	1	006355	
8	312-08876-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
9	312-07033-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
10	312-08217-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
11	312-07029-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
12	312-08839-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
13	312-03160-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
14	312-08184-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
15	312-08177-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
16	312-08840-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
17	312-08234-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
18	312-08834-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
19	312-07368-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
20	312-08183-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
21	312-13701-001	.TUBO CONJ ..... TUBE ASSY-HYDRAULIC SYSTEM .....	001JK	1	C	
	312-08236-001	.TUBO CONJ (PRE MOD BS 312-029-0014) ..... TUBE ASSY (PRE MOD SB 312-029-0014) .....	001JK	1	006368	
22	312-08237-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05						
23	312-12327-001	.INSCRICAO TECNICA .....	001JK	1	085999	
		PLACARD .....				
	312-02972-001	.INSCRICAO TECNICA .....	001JK	1	006084	
		PLACARD .....				
24	6002	.VALVULA SOLENOIDE (L4) .....	70236	1		
		VALVE, SOLENOID (L4) .....				
	AN3-22A	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP) .....				
	AN960-10L	.ARRUELA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
25	211C119-124A	.CONTACTOR (PRE MOD BS 312-029-0014) (S164) .....	02750	1	006368	
		SWITCH,PRESSURE-HYDRAULIC SYSTEM (PRE MOD SB 312-029-0014) (S164) .....				
	1105P0143	.CONTACTOR (S236) (INTERCAMBIAVEL SENTIDO ÚNICO COM P/N 15722-1) .....	98087	1	C	
		SWITCH,PRESSURE-HYDRAULIC SYSTEM (S236) (ONE-WAY INTERCH WITH P/N 15722-1) .....				
	15722-1	.CONTACTOR MANOMETRICO (S236) .....	98505	1	D	
		PRESSURE SWITCH .....				
26	6607A9-71	.CONTACTOR MANOMETRICO (ALTERNATIVA USE PN 312-10378-001 ATE FIM DE ESTOQUE) (S162) .....	02750	1		
		SWITCH,PRESSURE (ALTERNATIVA USE PN 312-10378-001 UNTIL EXHAUSTED) (S162) .....				
	312-10378-001	.CONTACTOR MANOMETRICO (QUANDO ESGOTAR USE PN 6607A9-71) (S146) .....	001JK	1		
		PRESSURE SWITCH (WHEN EXHAUSTED USE PN 6607A9-71) (S146) .....				
27	6607A8-74	.CONTACTOR MANOMETRICO (S17) .....	02750	1		
		PRESSURE SWITCH (S17) .....				
28	5159A4TB2300	.VALVULA .....	91816	1		
		VALVE, RELIEF .....				
29	497-601-2	.VALVULA .....	09990	2		
		VALVE, CHECK .....				
30	MS21919WDG14	.BRACADEIRA, CONJ AMORTECEDOR AMIANTO .....	96906	1	C	
		CLAMP ASSYL, ASBESTOS CUSHIONTEEL .....				
	MS21919WDG22	.BRACADEIRA (PRE MOD BS 312-029-001 4) .....	96906	1	006368	
		CLAMP ASSYGHT, HINGE (PRE MOD SB 312-029-0014) .....				
31	MS21919WDG22	.BRACADEIRA .....	96906	2		
		CLAMP ASSYGHT, HINGE .....				
32	MS21919WDG16	.BRACADEIRA .....	96906	2		
		CLAMP ASSYL, ASBESTOS CUSHIONTEEL .....				
33	MS21919WDG15	.BRACADEIRA .....	96906	1		
		CLAMP ASSY .....				
34	MS27039-1-10	.PARAFUSO (PF) .....	96906	6		
		SCREW (AP) .....				
35	AN960-10L	.ARRUELA (PF) .....	88044	6		
		WASHER, FLAT (AP) .....				
36	AN894D6-5	.CONEXAO .....	88044	2		
		BUSHING .....				
37	AN938D4	.CONEXAO T-ROSCA INTERNA, AL .....	88044	1	B	
		CONNECTOR, T .....				
	AN938D5	.CONEXAO T-ROSCA INTERNA, AL (PRE MOD BS 312-029-0006) .....	88044	1	006335	
		CONNECTOR, T (PRE MOD SB 312-029-0006) .....				
38	MS21912D5	.CONEXAO EM TE .....	96906	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		TEE.....				
39	AN938D5	.CONEXAO T-ROSCA INTERNA,AL .....	88044	3		
		CONNECTOR, T.....				
40	MS21905D4	.CONEXAO EM TE .....	96906	1		
		TEE.....				
41	312-08254-001	.TUBO CONJ.....	001JK	1		
		TUBE ASSY.....				
42	MS21908D8	.CONEXAO 90 GRAUS .....	96906	1		
		ELBOW, 90-DEGREE.....				
43	MS21907D4	.CONEXAO 45 GRAUS.....	96906	2		
		CONNECTION 45-DEGREE.....				
44	MS21924D4	.UNIAO .....	96906	5		
		CONNECTION, UNION.....				
44A	AN924-4D	.PORCA SEXTAVADA PLANA (PF) .....	88044	7		
		NUT (AP).....				
44B	AN960-716L	.ARRUELA PLANA,ACO (PF) .....	88044	4		
		WASHER (AP).....				
44c	AN960-716	.ARRUELA PLANA (PF) .....	88044	3		
		WASHER (AP).....				
45	MS21924D5	.UNIAO .....	96906	2		
		FITTING, UNION .....				
45A	AN924-5D	.PORCA (PF) .....	88044	1		
		NUT (AP).....				
45B	AN960-816L	.ARRUELA PLANA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
46	MS21916D6-5	.CONEXAO REDUTORA .....	96906	5		
		REDUCER.....				
47	MS21902-D5	.UNIAO .....	96906	3		
		UNION.....				
48	MS21916D5-4	.CONEXAO REDUTORA .....	96906	3		
		REDUCER .....				
48A	MS21924-D5	.UNIAO .....	96906	1		
		FITTING, UNION .....				
49	MS21924D8	.UNIAO .....	96906	1		
		UNION .....				
49A	AN924-8D	.PORCA (PF) .....	88044	1		
		NUT (AP).....				
49B	AN960-1216L	.ARRUELA PLANA (PF) .....	88044	1		
		WASHER,FLAT (AP) .....				
49C	MS28778-8	.ANEL DE VEDACAO .....	96906	1		
		O' RING.....				
50	MS21902D4	.UNIAO .....	96906	1	B	
		UNION .....				
	MS21916D5-4	.CONEXAO REDUTORA (PRE MOD BS 312-029-0006) .....	96906	1	006355	
		REDUCER (PRE MOD SB 312-029-0006) .....				
51	MS21916D5-4	.CONEXAO REDUTORA .....	96906	1	B	
		REDUCER .....				
	MS21902-D5	.UNIAO (PRE MOD BS 312-029-0006) .....	96906	1	006355	
		UNION (PRE MOD SB 312-029-0006).....				
52	MS21902D4	.UNIAO .....	96906	2		
		UNION .....				
53	448-4D2-40	.VALVULA .....	09990	1	B,E	
		VALVE, RESTRICTOR .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05	312-16032-001	.VALVULA RESTRITORA,CONJ (AVD P/N 448-4D2-40) .....	001JK	1	F	
	MS21916D5-4	VALVE,RESTRICTOR ASSY (A/F P/N 448-4D2-40) .....				
		.CONEXAO REDUTORA ( PRE MOD BS 312-029-0006) .....	96906	1	006355	
		REDUCER (PRE MOD SB 312-029-0006) .....				
54	MS28778-6	.ANEL DE VEDACAO .....	96906	7		
		O' RING.....				
55	MS28778-5	.ANEL DE VEDACAO .....	96906	8		
		O' RING.....				
56	MS28778-4	.ANEL DE VEDACAO .....	96906	3	B	
		O' RING.....				
	MS28778-5	.ANEL DE VEDACAO (PRE MOD BS 312-029-0006) .....	96906	3	006355	
		O' RING (PRE MOD SB 312-029-0006) .....				
57	MS28778-4	.ANEL DE VEDACAO .....	96906	3		
		O' RING.....				
58	AN924-5D	.PORCA .....	88044	1		
		NUT.....				
59		UTILIZACAO ESPECIFICA USO TEA/AIT RESERVATORIO PRESSURIZACAO INSTL (VEJA FIG 29-1 0-00-20) .....		REF		
		PRESSURIZING RESERVOIR INSTL (SEE FIG 29-10-00-20)..				
60		UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 15 E 1 8 (VEJA FIG 29- 1 0-00-07) .....		REF		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 15 & 1 8 (SEE FIG 29- 1 0-00-07) .....				
61		UTILIZACAO ESPECIFICA USO TEA/AIT ALARME DE PRESSAO HIDRAULICA (VEJA FIG 29-30-00-01 ) .....		REF		
		HYDRAULIC PRESSURE WARNING LIGHT (SEE FIG 29-30- 00-01).....				
62		UTILIZACAO ESPECIFICA USO TEA/AIT COMANDO ELETRICO DOS TDP INSTL (VEJA CAP 32) .....		REF		
		ELECTRICAL COMMAND OF TDP INSTL (SEE CHAPTER 32)				
		EFETIVIDADES USAGE CODE LIST				
		A AVIOES 312006 A 312044, 312054 E SEGUINTE				
		A AIRCRAFT 312006 THRU 312044, 312054 AND ON				
		B AVIOES 312006 A 312335 (POS MOD BS 312-029-0006), 312336 E SEGUINTE				
		B AIRCRAFT 312006 THRU 312335 (POST MOD SB 312-029- 0006), 312336 AND ON				
		C AVIOES 312006 A 312368 (POS MOD BS 312-029-0014), 312369 E SEGUINTE				
		C AIRCRAFT 312006 THRU 312368 (POST MOD SB 312-029- 0014), 312369 AND ON				
		D AVIOES 312006 A 312510 (POS MOD BS 312-029-0014 REV.1), 312511 E SEGUINTE				
		D AIRCRAFT 312006 THRU 312510 (POST MOD SB 312-029-0014 REV.1), 312511 AND ON				
		E AVIOES 312005 A 312052,312054 A 312148,312150 A 312160,312162 A 312335, 312338 E 312339 (PRE MOD BS 312- 029-0006 REV.1)				
		E AIRCRAFT 312005 THRU 312052,312054 THRU 312148,312150 THRU 312160,312162 THRU 312335, 312338 AND 312339 (PRE MOD SB 312-029-0014 REV.1), 312511 AND ON				
		F AVIOES 312005 A 312052,312054 A 312148,312150 A 312160,312162 A 312335, 312338 E 312339 (POS MOD BS 312- 029-0006 REV.1), 312336,312337, 312340 E SEGUINTE				
		F AIRCRAFT 312005 THRU 312052,312054 THRU 312148,312150 THRU 312160,312162 THRU 312335, 312338 AND 312339 (POST MOD SB 312-029-0006 REV.1), 312336,312337,312340 AND ON				

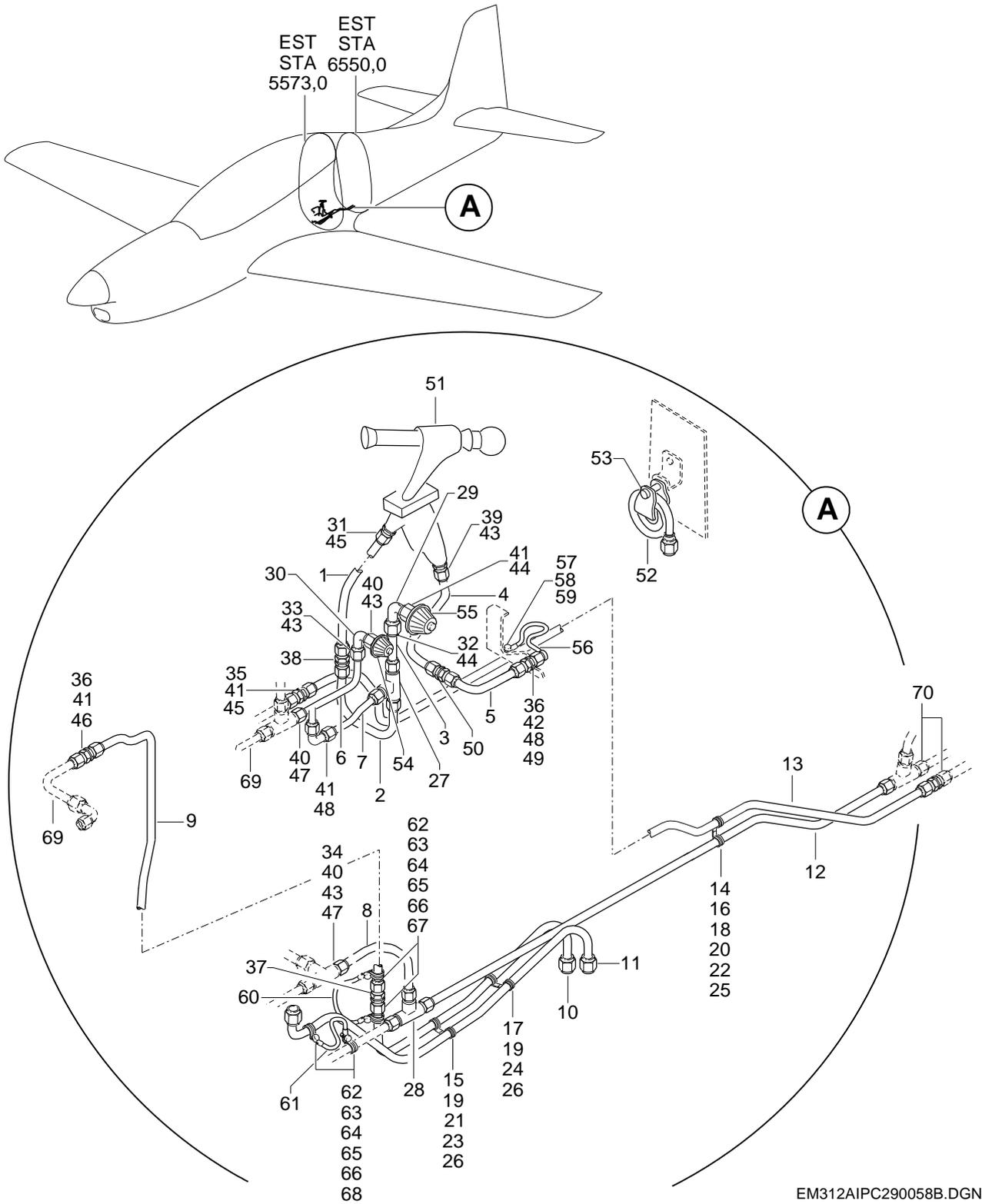


FIGURA 07. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 15 E 18  
 FIGURE 07. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 15 & 18

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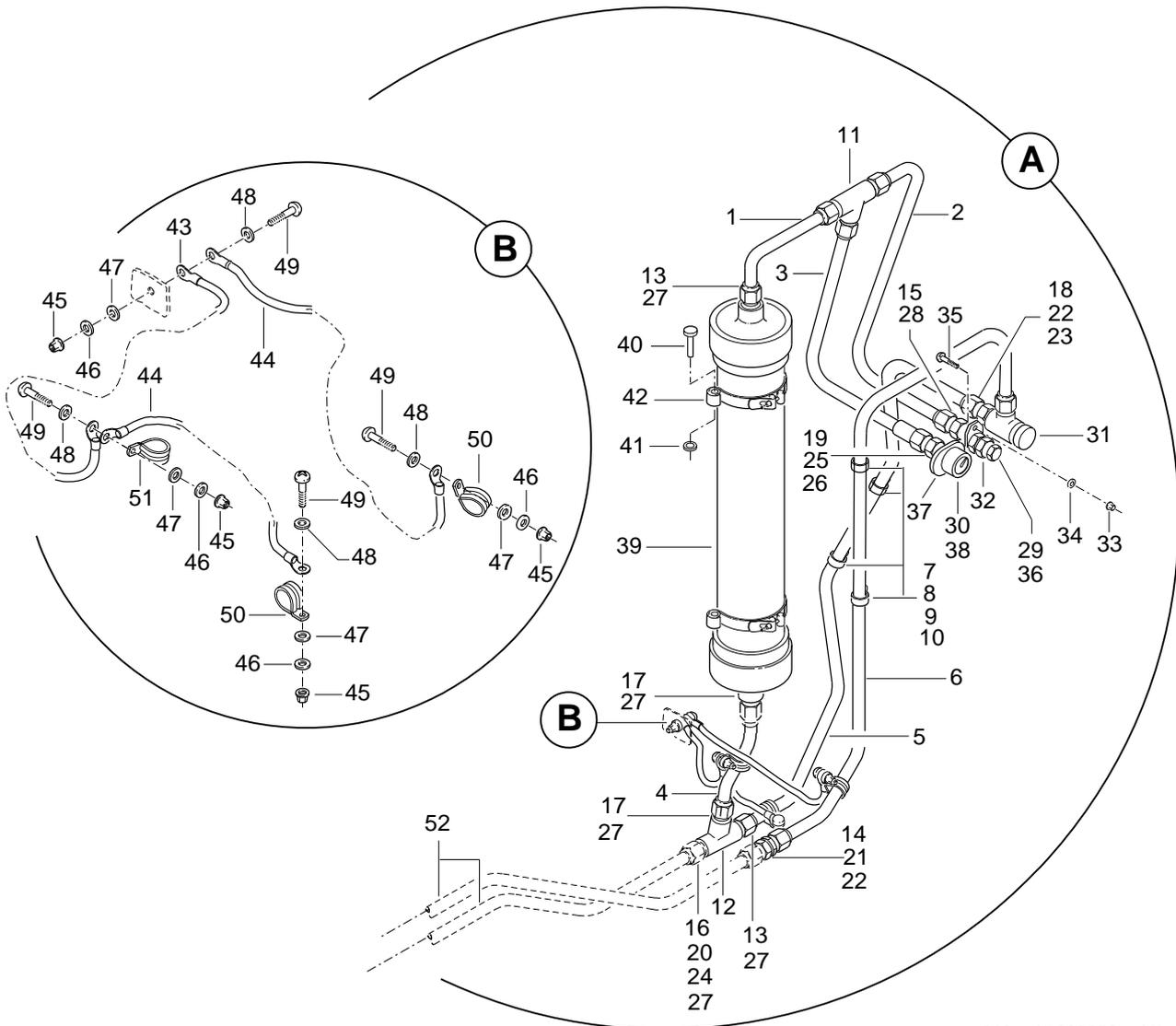
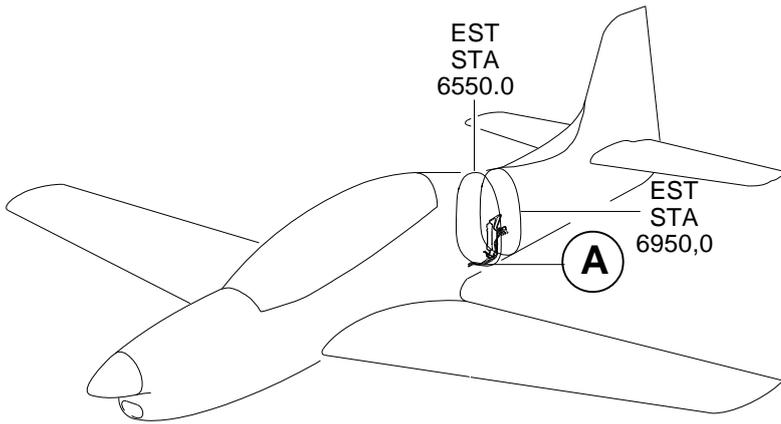
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07		SISTEMA HIDRAULICO PRINCI PAL INSTL, FUSL, ENTRE CAVERNAS 15 E 18 ..... MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 15 & 18		REF		
1	312-08150-001	.TUBO CONL..... TUBE ASSY.....	001JK	1	B	
2	312-08945-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1		
3	312-8886-01	.TUBO CONJ ..... TUBE ASSY.....	001JK	1		
4	312-8720-001	.TUBO CONJ ..... TUBE ASSY.....	001JK	1	B	
5	312-08721-001	.TUBO CONJ..... TUBE ASSY .....	001JK	1		
6	312-08885-001	.TUBO CONJ..... TUBE ASSY .....	001JK	1		
7	312-08944-001	.TUBO CONJ ..... TUBE ASSY.....	001JK	1		
8	312-08980-001	.TUBO CONJ ..... TUBE ASSY.....	001JK	1		
9	312-08221-001	.TUBO CONL..... TUBE ASSY.....	001JK	1		
10	312-14884-003	.TUBO CONL ..... TUBE ASSY.....	001JK	1	A	
	312-10273-001	.TUBO CONJ (PRE MOD BS 312-029-0012) ..... TUBE ASSY (PRE MOD SB 312-029-0012) .....	001JK	1	006264	
11	312-14884-001	.TUBO CONJ ..... TUBE ASSY .....	001JK	1	A	
	312-08220-001	.TUBO CONJ (PRE MOD BS 312-029-0012) ..... TUBE ASSY (PRE MOD SB 312-029-0012) .....	001JK	1	006264	
12	312-08981-001	.TUBO CONJ (PARA REPOSICAO USE PIN=312-08981-601 ) (PRE MOD BS 312-29-0017) ..... TUBE ASSY (FOR REPLACEMENT USE PIN=312-08981-601 ) (PRE MOD SB 312-29-0017) .....	001JK	1		
	312-08981-601	.CONJUNTO TUBO (POS MOD BS 312-29-0017) ..... TUBE ASSY ) (POST MOD SB 312-29-0017) .....	001JK	1		
	MS21919WDG5	BRACADEIRA (POS MOD BS 312-29-0017) ..... CLAMP (POST MOD SB 312-29-0017).....	96906	1		
	MS21919WDG4	BRACADEIRA (POS MOD BS 312-29-0017) ..... CLAMP (POST MOD SB 312-29-0017).....	96906	1		
	H14-3	.PORCA (PF) (POS MOD BS 312-29-0017) ..... NUT (AP) (POST MOD SB 312-29-0017).....	15653	1		
	AN960-10L	.ARRUELA (PF) (POS MOD BS 312-29-0017) ..... WASHER (AP) (POST MOD SB 312-29-0017).....	88044	2		
	NAS1096-3-12	.PARAFUSO (PF) (POS MOD BS 312-29-0017) ..... SCREW (AP) (POST MOD SB 312-29-0017).....	80205	1		
13	312-10284-01	.TUBO CONL ..... TUBE ASSY.....	001JK	1		
14	PE27019RI4	BRACADEIRA,ACO,AMORTEC EDOR AMIANTO ..... CLAMP, STEEL,ASBESTOS CUSHIONTEEL .....	001JK	1		
15	PE27019RI4	BRACADEIRA,ACO,AMORTECEDOR AMIANTO ..... CLAMP, STEEL,ASBESTOS CUSHIONTEEL .....		2	A	
16	PE27019RI5	BRACADEIRA ..... CLAMP ASSYINING .....	001JK	1		
17	MS21919WDG4	BRACADEIRA ..... CLAMP.....	96906	2	A	
18	MS21042L3	.PORCA (PF) ..... NUT (AP) .....	96906	1		
19	MS21042L3	.PORCA (PF) .....	96906	2	A	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07		<i>NUT (AP).....</i>				
20	NAS1197-10L	.ARRUELA (PF) .....	80205	1	A	
		<i>WASHER (AP).....</i>				
21	NAS1197-10L	.ARRUELA (PF).....	80205	1		
		<i>WASHER (AP).....</i>				
22	MS35338-43	.ARRUELA (PF) .....	96906	1		
		<i>WASHER (AP) .....</i>				
23	MS35338-43	.ARRUELA (PF) .....	96906	1	A	
		<i>WASHER (AP) .....</i>				
24	AN960-10L	.ARRUELA (PF).....	88044	1	A	
		<i>WASHER, FLAT (AP) .....</i>				
25	AN3-4A	.PINO ROSCADO (PF) .....	88044	1		
		<i>BOLT (AP) .....</i>				
26	AN3-4A	.PINO ROSCADO (PF) .....	88044	2	A	
		<i>BOLT (AP) .....</i>				
27	MS21905D8	. CONEXAO EM TE .....	96906	1		
		<i>TEE .....</i>				
28	MS21905D5	. CONEXAO EM TE .....	96906	1		
		<i>TEE .....</i>				
29	AN939D8	.CONEXAO 90 GRAUS .....	88044	1		
		<i>ELBOW, 90-DEGREE .....</i>				
30	AN939D5	.CONEXAO 90 GRAUS .....	88044	1		
		<i>ELBOW, 90-DEGREE.....</i>				
31	MS21916D4-3	.CONEXAO REDUTORA .....	96906	1	B	
		<i>REDUCER .....</i>				
32	MS21902D8	.UNIAO .....	96906	1		
		<i>UNION .....</i>				
33	MS21902-D5	.UNIAO .....	96906	1		
		<i>UNION .....</i>				
34	MS2192405	.UNIAO .....	96906	1		
		<i>FITTING, UNION.....</i>				
35	MS21924D4	.UNIAO .....	96906	1		
		<i>CONNECTION, UNION .....</i>				
36	AN832-4D	.UNIAO .....	88044	2		
		<i>UNION,FLARED TUBE,ALUMINUM .....</i>				
37	MS21902D4	.UNIAO .....	96906	1	A	
		<i>UNION .....</i>				
	MS21905D4	.CONEXAO EM TE (PRE MOD BS 312-029-0012) .....	96906	1	006264	
		<i>TEE (PRE MOD SB 312-029-0012).....</i>				
38	MS21916D8-4	.CONEXAO REDUTORA .....	96906	1		
		<i>REDUCER .....</i>				
39	MS21916D5-4	.CONEXAO REDUTORA .....	96906	1	B	
		<i>REDUCER .....</i>				
40	AN924-5D	.PORCA .....	88044	3		
		<i>NUT .....</i>				
41	AN924-8D	.PORCA .....	88044	4		
		<i>NUT .....</i>				
42	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	2		
		<i>NUT .....</i>				
43	MS28778-5	.ANEL DE VEDACAO .....	96906	4	B	
		<i>RING, 'O'.....</i>				
44	MS28778-8	.ANEL DE VEDACAO .....	96906	2		
		<i>RING, 'O'.....</i>				
45	MS28778-3	.ANEL VED BOR NBR P/FL HIDR.....	96906	2	B	
		<i>RING, 'O' .....</i>				
46	AN960-716L	.ARRUELA PLANA ACO .....	88044	2		
		<i>WASHER .....</i>				
47	AN960-816	.ARRUELA PLANA,ACO .....	88044	2		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07		WASHER .....				
48	AN960-1216	.ARRUELA .....	88044	2		
		WASHER .....				
49	AN960-716	.ARRUELA PLANA .....	88044	1		
		WASHER .....				
50	24574	.FILTRO .....	10989	1		
		FILTER .....				
51	WTC2112-1	.BOMBA HIDRAULICA .....	62064	1	006384	
		PUMP, HYDRAULIC .....				
51C	312-19191-001	.TUBO, CONJ .....	001JK	1	D	
		TUBE ASSY .....				
51D	312-19192-001	.TUBO, CONJ .....	001JK	1	D	
		TUBE ASSY .....				
51E	33612-4D	.CONEXAO .....	53730	1	D	
		ELBOW, 90 DEGREES, FLARED, SWIVEL NUT .....				
51F	2677A-4EE	.VALVULA UNIOIRECIONAL .....	91816	1	D	
		VALVE, CHECK .....				
	WTC2259-1	.BOMBA .....	62064	1	C	
		HAND PUMP .....				
	AN4-17A	.PINO ROSCAOO (PF) .....	88044	2	B	
		BOLT, HEXAGON HEAD, STEEL (AP) .....				
	AN960-416	.ARRUELA PLANA (PF) .....	88044	2	B	
		WASHER, FLAT (AP) .....				
52	121-721-10-73	.MANGUEIRA CONJ .....	001JK	1	B	
		HOSE ASSY .....				
53	H775-1	.BRACADEIRA (PF) .....	83014	1	B	
		CLAMP (AP) .....				
54	3005S11-5D	.TOMADA EXTERNA PRESSAO (OPCIONAL USE P/N=3005- S11-5D) TOMADA EXTERNA DE PRESSAO .....	00624	1		
		COUPLING, GROUND TEST (OPCIONAL USE P/N=3005- S11-5D) COUPLING, PRESSURE OUTBOARD .....				
55	3005S11-8D	.TOMADA EXTERNA ASPIRACAO .....	00624	1		
		COUPLING, GROUND TEST .....				
	MS21042L3	.PORCA (PF) .....	96906	12		
		NUT (AP) .....				
	AN960-10L	.ARRUELA (PF).....	88044	12		
		WASHER, FLAT (AP) .....				
	MS27039-1-06	.PARAFUSO (PF).....	96906	12		
		SCREW (AP).....				
56	312-08696-001	.BUJAO CONJ .....	001JK	1		
		CAP ASSY .....				
57	MS21042-04	.PORCA (PF) .....	96906	1		
		NUT, NEX, SELF-LOCKING, STEEL (AP) .....				
58	NAS11490N432H	.ARRUELA PLANA (PF) .....	80205	1		
		WASHER, FLAT (AP) .....				
59	MS51957-13	.PARAFUSO CABECA ABAULADA CILINORICA (PF) .....	96906	1		
		SCREW (AP) .....				
60	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=88001-5BB6) .....	001JK	1		
		BONDING (FOR REPLACEMENT USE P/N=88001-5BB6) .....				
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BJ 31 2-00-0003) .....	001JK	1		
		JUMPER ASSY (B. 312-00-0003) .....				
61	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=88001-5BB5) .....	001JK	1		
		BONDING (FOR REPLACEMENT USE P/N=88001-5BB5) .....				
	PE88001-5BB5	.METALIZACAO ( B.I. 312-00-0003).....	001JK	1		
		BONDING (I.B. 312-00-0003).....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07						
62	MS21042L3	.PORCA (PF) .....	96906	4	A	
		NUT (AP) .....				
63	MS35338-43	.ARRUELA (PF) .....	96906	4	A	
		WASHER (AP) .....				
64	NAS1197-10L	.ARRUELA (PF) .....	80205	4	A	
		WASHER (AP) .....				
65	AN960-10L	.ARRUELA (PF).....	88044	4	A	
		WASHER, FLA T (AP) .....				
66	MS27039-1-09	.PARAFUSO CABECA ABAULAOA (PF).....	96906	4	A	
		SCREW, TRUSS HEAD (AP) .....				
67	PE27010A4	.BRAÇADEIRA (PF) .....	001JK	2	A	
		CLAMP (AP) .....				
68	PE27010A5	.BRACADEIRA (PF) .....	001JK	2		
		CLAMP (AP) .....				
69		UTILIZACAO ESPECIFICA USO TEVA IT SIT H I DRAULICO PRINCIPAL I N STL, FUSL, ENTRE CAV 14 E 1 5 (VEJA FIG 29-10-00-05).....		REF		
		MAIN HYDR PWR SPL Y S YS INSTL, FUSLG, BETWEEN FRAMES 14 & 15 (SEE FIG 29-10-00-05) .....				
70		UTILIZACAO ESPECIFICA USO TEVAIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 1 8 E 1 9 (VEJA FIG 29-10-00-09) .....		REF		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 18 & 19 (SEE FIG 29-1 0-00-09) .....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006A 312264 (POSTMODBS 312-029-0012), 312265 E SEGUINTE				
		A AIRCRAFT 312006 THRU 312264 (POST MOD SB 312-029- 0012), 312265 AND ON				
		B (PRE MOD BS 31 2-29-0018)				
		B (PRE MOD 58312-29-0018)				
		C AVIOES 312385 E SEG. (PRE MOD BS 312-29-0018)				
		C AIRCRAFT 3 1 2385 END ON (PRE MOD SB 31 2-29-0018)				
		D AVIOES 312005 E SEG (POS MOD BS 312-29-0018)				
		D AIRCRAFT 3 12005 AND ON (POST MOD SB 312-29-0018)				





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FIGURA 09. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAVERNAS 18 E 19  
 FIGURE 09. MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 18 & 19

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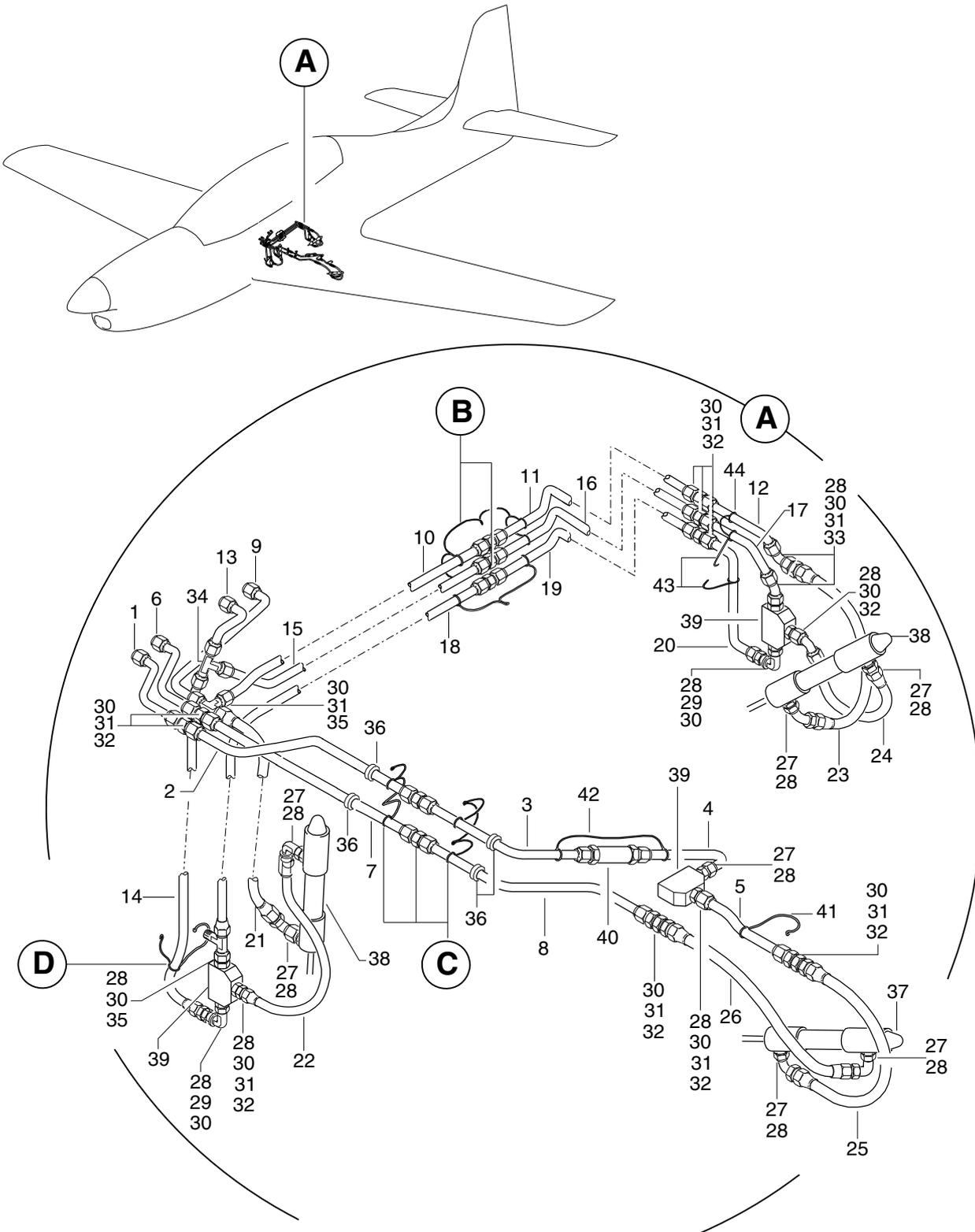
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REVISÃO 9  
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
09		SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL,..... ENTRE CAVERNAS 18 E 19 ..... MAIN HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, ..... BETWEEN FRAMES 18 & 19 .....		REF		
1	312-08245-001	TUBO CONJ ..... TUBE ASSY .....	001JK			
2	312-08245-001	TUBO CONJ ..... TUBE ASSY .....	001JK			
3	312-08174-001	TUBO CONJ ..... TUBE ASSY .....	001JK			
4	312-07007-001	TUBO CONJ ..... TUBE ASSY .....	001JK			
5	312-11720-001	TUBO CONJ ..... TUBE ASSY .....	001JK			
6	312-12384-001	TUBO CONJ (POS MOD BS 312-029-0002) ..... TUBE ASSY-HYDRAULIC SYSTEM (POST MOD SB 312-029- 0002) .....	001JK	2		
	312-09453-001	TUBO CONJ (PRE MOD BS 312-029-0002) ..... TUBE ASSY (PRE MOD SB 312-029-0002) .....	001JK	1		
	312-07055-001	TUBO CONJ (PRE MOD BS 312-029-0002) ..... TUBE ASSY (PRE MOD SB 312-029-0002) .....	001JK	1		
	AN919-1D	CONEXAO REDUTORA (PRE MOD BS 312-029-0002) ..... ELBOW,REDUCER, FLARED,AL (PRE MOD SB 312-029-0002)	88044	1		
	MS21266-1N	ILHOS-AJUSTAVEL,PLASTICO (POS MOD BS 312-029-0002) GROMMET-ADJUSTABLE,PLASTIC (POST MOD SB 312-029- 0002) .....	96906	AR		
7	MS21919WDG4	BRACADEIRA ..... CLAMP.....	96906			
8	MS21042L3	PORCA (PF) ..... NUT (AP) .....	96906			
9	AN960-10L	ARRUELA (PF) ..... WASHER,FLA T (AP) .....	88044			
10	AN3-3A	PINO ROSCADO (PF) ..... BOL T (AP) .....	88044			
11	AS10350040404	CONEXAO-SIS HIDRAULICO,AL..... FITTING .....	81343			
12	AN938D5	CONEXAO T-ROSCA INTERNA,AL ..... CONNECTOR, T.....	88044			
13	MS21916D5-4	CONEXAO REDUTORA ..... REDUCER .....	96906			
15	MS21924D4	UNIAO ..... CONNECTION, UNION .....	96906			
15	MS24392D4	CONEXAO UNIAO ..... UNION, TUBE,PRECISION TYPE,AL .....	96906			
16	MS21924D5	UNIAO ..... FITTING, UNION .....	96906			
17	MS21902-D5	UNIAO ..... UNION .....	96906			
18	MS28775-012	ANEL DE VEDACAO ..... O'RING.....	96906			
19	AN924-8D	PORCA ..... NUT.....	88044			
20	AN924-5D	PORCA ..... NUT.....	88044			
21	AN924-4D	.PORCA SEXTAVADA PLANA ..... NUT .....	88044			
22	AN960-716L	.ARRUELA PLANA,ACO ..... WASHER .....	88044			
23	AN960-716	.ARRUELA PLANA ..... WASHER .....	88044			
24	AN960-816L	.ARRUELA PLANA .....	88044			

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
09						
25	AN960-1216	WASHER, FLAT..... .ARRUELA..... WASHER.....	88044			
26	AN960-1216L	.ARRUELA PLANA..... WASHER, FLAT.....	88044			
27	MS28778-5	.ANEL DE VEDACAO..... O'RING.....	96906			
28	MS28778-4	.ANEL DE VEDACAO..... O'RING.....	96906			
29	MS28775-015	.ANEL DE VEDACAO..... O'RING.....	96906			
30	MS28775-012	.ANEL DE VEDACAO..... O'RING.....	96906			
31	120-14175-001	.VALVULA DE DESCARGA (POS MOD BS 312-029-0002)..... VALVE, DISCHARGE (POST MOD SB 312-029-0002).....	001JK	1		
	P15-500	.VALVULA DE DESCARGA (PRE MOD BS 312-029-0002)..... VALVE, DISCHARGE (PRE MOD SB 312-029-0002).....	91816	1		
32	312-05262-001	.BLOCO DE CONEXAO..... CONNECTOR.....	001JK			
33	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906			
34	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044			
35	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044			
36	MS28889-2	.VALVULA..... VALVE.....	96906			
37	312-05261-001	.BLOCO DE CONEXAO..... CONNECTION,BLOCK.....	001JK			
38	18230100	.MANOMETRO..... MANOMETER-HYDRAULIC SYSTEM.....	05167			
39	08-8424-001	.ACUMULADOR (QUANDO ESGOTAR USE PN 08-8424-010) HYDRAULIC ACCUMULATOR (WHEN EXHAUSTED USE PN 08-8424-010).....	81616			
	08-8424-010	.ACUMULADOR..... ACCUMULATOR, HYDRAULIC.....	81616			
	MS24665-132	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906			
40	MS20392-3C35	.PINO (PF)..... PIN (AP).....	96906			
41	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044			
42	312-07236-001	.BRACADEIRA CONJ (PF)..... CLAMP ASSY (AP).....	001JK			
43	PE88001 -1BB5	.METALIZACAO (PARA REPOSICAO USE P/NPE88001-5BB5) BONDING (FOR REPLACEMENT USE PIN=PE88001-5BB5).....	001JK			
	PE88001-5BB5	.METALIZACAO (BI 312-00-0003)..... BONDING (IB 312-00-0003).....	001JK			
44	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB6) BONDING (FOR REPLACEMENT USE P/N PE88001-5BB6).....	001JK			
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003)..... JUMPER ASSY (IB 312-00-0003).....	001JK			
45	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906			
46	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906			
47	NA81197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205			
48	AN960-10L	.ARRUELA (PF).....	88044			

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
09		WASHER, FLAT (AP) .....				
49	M827039-1-09	.PARAFUSO CABECA ABAULADA (PF) .....	96906			
50	PE27010A4	SCREW, TRUSS HEAD (AP).....				
51	PE27010A5	BRACADEIRA .....	001JK			
52		CLAMP .....				
		BRACADEIRA .....	001JK			
		CLAMP .....				
		.SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 15 E 18 (VEJA FIG 29-10-00-07).....				
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 15 & 18 (SEE FIG 29-10-00-07) .....				
		EFETIVIDADES USAGE CODE LIST				
		A AVIOES 312006 A 312091 312098, 312099, 17 (POS MOD BS312-029-0002), 312092 A 312097, 312100 A 312104, 312118 E SEGUINTE				
		A AIRCRAFT 312006 THRU 312091, 312098, 312099, 312105 THRU 312099, 312105 THRU 312117 (POST MOD SB312-029-0002), 312092 THRU 312097, 312100 THRU 312104, 312118 AND ON 312097, 312100 THRU 312104, 312118 AND ON				
		B AVIOE8 312006 A 312091 , 312098, 312105 A 312117PRE MOD BS 312-029-0002)				
		B AIRCRAFT 312006 THRU 312091, 312098, 312105 THRU 312121 17 (PRE MOD SB 312-029-0002)				



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FIGURA 15. SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA ESQ (FOLHA 1 DE 2)  
 FIGURE 15. MAIN HYDR POWER SUPPLY S YSTEM INSTL, LH WING (SHEET 1 OF 2)

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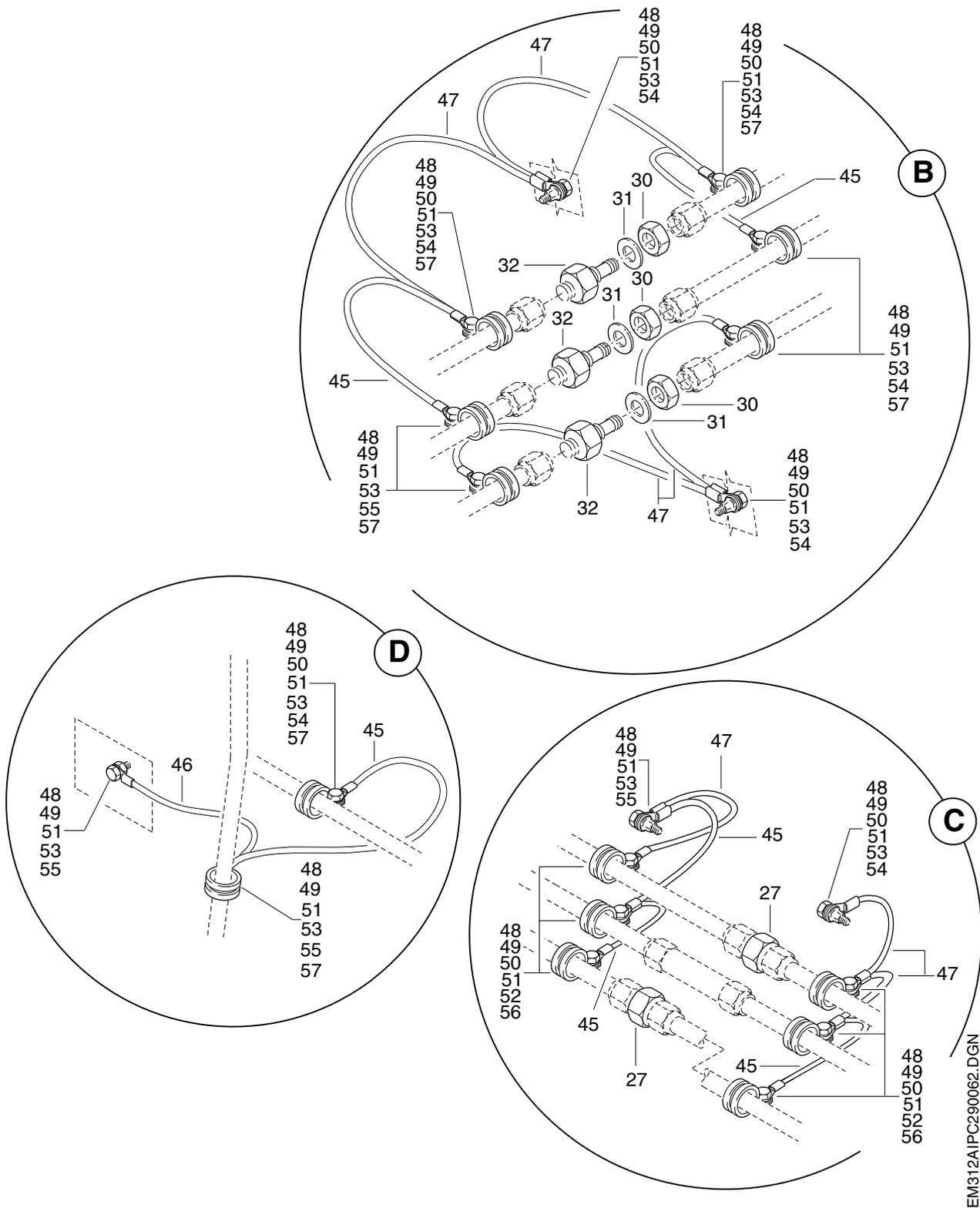


FIGURA 15. SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA ESQ (FOLHA 2 DE 2)  
 FIGURE 15. MAIN HYDR POWER SUPPLY S YSTEM INSTL, LH WING (SHEET 2 OF 2)

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 CHANGE 6

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA ESQ..... MAIN HYDR POWER SUPPL Y SYSTEM/INSTL, LH WING ...				
1	312-02948-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY.....				
2	312-02951-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY.....				
3	312-06589-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY.....				
4	312-06588-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY.....				
5	312-02939-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYORAU/C SYSTEM.....				
6	312-02947-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY.....				
7	312-11438-005	.TUBO CONJ .....	001JK	1	B	
		TUBE ASSY-HYORAU/C SYSTEM.....				
	312-02942-001	.TUBO CONJ (PRE MOD BS 312-029-0011).....	001JK	1	005264	
		TUBE ASSY (PRE MOD BS 312-029-0011).....				
8	312-11438-001	TUBO,CONJ (PRE MOD BS 312-029-0011).....	001JK	1	B	
		TUBE ASSY (PRE MOD SB 312-029-0011).....				
9	312-09425-001	TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
10	312-09396-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
11	312-09393-001	TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
12	312-09390-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
13	312-09426-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
14	312-09684-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
15	312-09397-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYORAU/C SYSTEM.....				
16	312-09394-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
17	312-09391-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
18	312-09679-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
19	312-09395-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
20	312-09392-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
21	312-10694-001	.MANGUEIRA CONJ (PRE MOD BS 31 2-029-0008) .....	001JK	1	005304	
		HOSE ASSY (PRE MOD SB 312-029-0008).....				
	312-11605-015	.MANGUEIRA CONJ (PRE MOD BS 31 2-029-0008) .....	001JK	1	C	
		HOSE ASSY-HYDRAULIC SYSTEM (PRE MOO SB 312-029-0008) .....				
22	312-10693-001	.MANGUEIRA CONJ.....	001JK	1	005304	
		HOSE ASSY.....				
	312-11605-013	.MANGUEIRA CONJ.....	001JK	1	C	
		HOSE ASSY-HYDRAULIC SYSTEM.....				
23	312-09388-001	.MANGUEIRA CONJ (PRE MOD BS 31 2-029-0008) .....	001JK	1	005304	
		HOSE ASSY (PRE MOD SB 312-029-0008) .....				
	312-11610-011	MANGUEIRA CONJ.....	001JK	1	C	

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>HOSE ASSY-HYDRAULIC SYSTEM</i> .....				
24	312-09389-001	MANGUEIRA CONJ (PRE MOD BS 312-029-0008) .....	001JK	1	005304	
	312-11610-013	<i>HOSE ASSY (PRE MOD SB 312-029-0008)</i> .....				
		.MANG UEIRA CONJ .....	001JK	1	B	
25	312-02938-001	<i>HOSE ASSY-HYDRAULIC SYSTEM</i> .....				
		.MANGUEIRA CONJ (PRE MOD BS 312-029-0008) .....	001JK	1	005304	
	312-11610-003	<i>HOSE ASSY (PRE MOD SB 312-029-0008)</i> .....				
		.MANGUEIRA CONJ .....	001JK	1	B	
26	312-02937-001	<i>HOSE ASSY-HYDRAULIC SYSTEM</i> .....				
		.MANGUEIRA CONJ (PRE MOD BS 312-029-0008) .....	001JK	1	005304	
	312-11605-001	<i>HOSE ASSY (PRE MOD SB 312-029-0008)</i> .....				
		.MANGUEIRA CONJ .....	001JK	1	B	
	MS21919WDG7	<i>HOSE ASSY-HYDRAULIC SYSTEM</i> .....				
		.BRACADEIRA .....	96906	1		
	MS21042L3	<i>CLAMP ASSYL,ASBESTOS CUSHIONTEEL</i> .....				
		.PORCA (PF) .....	96906	1		
	AN960-10L	<i>NUT (AP)</i> .....				
		.ARRUELA (PF).....	88044	1		
	MS35207-263	<i>WASHER,FLAT (AP)</i> .....				
		.PARAFUSO (PF) .....	96906	1		
		<i>SCREW (AP)</i> .....				
27	MS21902D4	.CONEXAO,RETA-SEM FLANGE,ALUMINIO .....	96906	9		
28	MS28778-4	<i>FITTING-ADAPTER,STRAIGHT,FLARELESS,ALUMINUM</i> .....				
		ANEL DE VEDACAO .....	96906	14		
		<i>O'RING</i> .....				
29	MS21908D4	CONEXAO 90 GRAUS .....	96906	2		
		<i>ELBOW, 90-DEGREE</i> .....				
30	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	19		
		<i>NUT</i> .....				
31	AN960-D716	ARRUELA,PLANA .....	88044	14		
		<i>WASHER,FLAT</i> .....				
32	MS21924D4	UNIAO .....	96906	13		
		<i>CONNECTION, UNION</i> .....				
33	MS21907D4	.CONEXAO 45 GRAUS .....	96906	2		
		<i>CONNECTION 45-DEGREE</i> .....				
34	MS21905D4	CONEXAO EM TE .....	96906	1		
		<i>TEE,FLARELESS TUBE,ALUMINUM</i> .....				
35	MS21912D4	.CONEXAO EM TE .....	96906	2		
		<i>TEE</i> .....				
36	MS35489-7	.ILHOS,80R NBR .....	96906	4		
		<i>GROMMET</i> .....				
37	WTC2115-1	.CILINDRO ATUADOR .....	001JK	1	006380	
		<i>CYLINDER, ACTUATING</i> .....				
	WTC2254-1	.ATUADOR DO TREM DE POUSO .....	62064	1	381999	
		<i>ACTUATOR ASSY</i> .....				
38	312-10806-001	.CILINDRO ATUADOR .....	001JK	2	006391	
		<i>CYLINDER, ACTUATING</i> .....				
	WTC2258-3	.ATUADOR DE PORT AS DO TREM DE POUSO .....	62064	2	392999	
		<i>ACTUATOR ASSY</i> .....				
	MS24665-134	.CONTRA PINO (PF) .....	96906	2		
		<i>PIN, COTTER (AP)</i> .....				
	MS14145L3	.PORCA SEX CAST,AUTO .....	96906	2		
		<i>NUT,CSTL,SELF</i> .....				
	AN960-10L	ARRUELA (PF) .....	88044	4		
		<i>WASHER,FLA T (AP)</i> .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01	AN960-10	.ARRUELA PLANA (PF) .....	10630	2		
	NAS6203-17D	WASHER,FLA T (AP).....				
	NAS6203-14D	.PINO ROSCADO (PF) .....	80205	1		
		BOLT (AP).....				
39	499A-4BBB	.PINO ROSCADO (PF).....	80205	1		
		BOLT (AP).....				
40	1143-A0610	VALVULA DE PRIORIDADE .....	91816	3		
		VALVE, SHUTTLE.....				
41	PE88001-1BB4	.VALVULA.....	70236	1		
		VALVE, RESTRICTOR .....				
	PE88001-5BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB4) .....	001JK	1		
		JUMPER ASSY-ELECTRICAL BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4).....				
	MS21042L3	.PONTE LIGACAO,CONJ (B.I.312-00-0003).....	001JK	1		
	MS35338-43	JUMPER ASSY (I.B.312-00-0003).....				
	AN960C10L	PORCA (PF) .....	96906	2		
	NAS1197-10L	NUT (AP).....				
	AN960-10L	ARRUELA (PF) .....	96906	2		
	AN3C4A	WASHER (AP) .....				
	AN3-4A	ARRUELA PLANA,INOX (PF) .....	88044	1		
	PE27010C4	WASHER,FLAT, CRES (AP).....				
42	PE88001-1BB5	ARRUELA (PF).....	80205	2		
		WASHER,PLAIN-AL.....				
	PE88001-5BB5	.ARRUELA (PF).....	88044	2		
	MS21042L3	WASHER (AP) .....				
	MS35338-43	PARAFUSO-CABECA SEXTAVADA,ACO INOX .....	88044	1		
	AN960C10L	BOLT-HEXAGON HEAD,CRES.....				
	AN960-10L	PARAFUSO-CABECA SEXTAVADA,AÇO .....	88044	1		
	AN3C4A	BOLT (AP).....				
	PE27010C4	.BRACADEIRA .....	001JK	1		
		CLAMP-LOOP TYPE,BONDING,CRES.....				
43	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB5) .....	001JK	1		
		JUMPER ASSY-ELECTRICAL BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5).....				
	PE88001-5BB6	PONTE LIGACAO,CONJ-CORRENTE ELET.(B.I.312-00-0003).....	001JK	1		
		JUMPER ASSY-ELECTRICAL BONDING(I.B.312-00-0003).....				
	MS21042L3	PORCA-HEXAGONAL,AUTO FRENANTE,ACO(PF) .....	96906	2		
	MS35338-43	NUT-HEXAGON,SELF LOCKING,STEEL(AP).....				
	AN960C10L	ARRUELA-BIPARTIDA,TRAVA,ACO(PF).....	96906	2		
	AN960-10L	WASHER-SPLIT,LOCK,STEEL(AP).....				
	AN3C4A	ARRUELA PLANA-INOX(PF).....	88044	2		
	PE27010C4	WASHER,FLAT-CRES(AP).....				
		ARRUELA PLANA,INOX (PF) .....	88044	2		
		WASHER,FLAT,CRES (AP) .....				
		PARAFUSO-CABECA SEXTAVADA,AÇO INOX(PF).....	88044	2		
		BOLT-HEXAGON HEAD,CRES(AP).....				
		.BRACADEIRA .....	001JK	2		
		CLAMP .....				
		METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6) .....	001JK	2		
		JUMPER ASSY-ELECTRICAL BONDING(FOR REPLACEMENT USE P/N=PE88001-5BB6).....				
		.PONTE LIGACAO, CONJ (B.I.31 2-00-0003).....	001JK	2		
		JUMPER ASSY-ELECTRICAL BONDING(I.B.312-00-0003).....				

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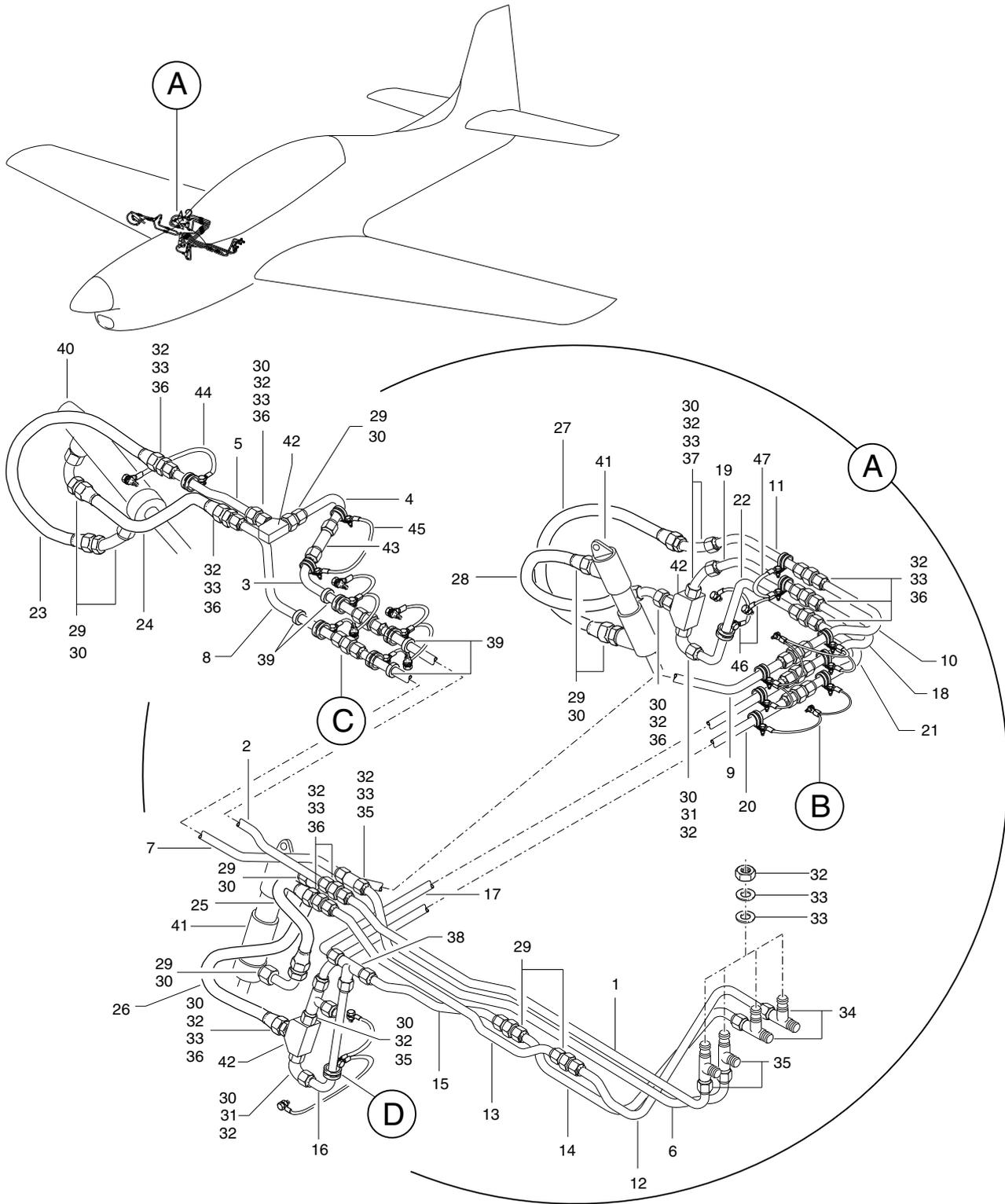
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
44	PE88001-1BB4	PONTE LIGACAO,CONJ-CORRENTE ELETRICA (PARA REPOSICAO USE P/N=PE88001-5BB4) .....	001JK	1		
		<i>JUMPER ASSY-ELECTRICAL BONDING (FOR RE LACEMENT USE P/N=PE88001-5BB4).....</i>				
	PE88001-5BB4	PONTE LIGACAO,CONJ (B.I.312-00-0003) .....	001JK	1		
		<i>JUMPER ASSY (I.B.312-00-0003).....</i>				
	MS21 042L3	PORCA-HEXAGONAL,AUTO FRENANTE,ACO(PF).....	96906	5		
	MS35338-43	ARRUELA-BIPARTIDA,TRAVA,ACO(PF).....	96906	5		
	AN960C 1 0 L	.ARRUELA PLANA,INOX (PF).....	88044	3		
		<i>WASHER (AP) .....</i>				
	NAS 1 1 97-1 0L	.ARRUELA (PF).....	80205	4		
		<i>WASHER,FLAT, CRES (AP) .....</i>				
	AN960-10L	.ARRUELA (PF).....	88044	5		
		<i>WASHER (AP).....</i>				
	AN3C4A	PARAFUSO-CABECA SEXTAVADA,ACO INOX(PF).....	88044	3		
		<i>BOLT-HEXAGON HEAD,CRES(AP).....</i>				
	AN3-4A	PARAFUSO-CABECA SEXTAVADA,AÇO(PF).....	88044	2		
		<i>BOLT-HEXAGON HEAD,STEEL(AP).....</i>				
	PE27010C4	BRACADEIRA .....	001JK	3		
		<i>CLAMP .....</i>				
45	PE88001-1BB4	.PONTE UGACAO,CONJ (PARA REPOSICAO USE P/N=PE88001-5BB4) .....	001JK	6		
		<i>JUMPER ASSY (FOR REPLACEMENT USE P/N= PE88001-5BB4) .....</i>				
	PE88001-5BB4	.METALIZACAO (I.B.312-00-0003) .....	001JK	6		
		<i>JUMPER ASSY-ELECTRICAL BONDING (B.I.312-00-0003) ....</i>				
46	PE88001-1BB5	.PONTE LIGACAO,CONJ-CORRENTE ELETRICA (PARA REPOSICAO USE P/N= PE88001-5BB5).....	001JK	1		
		<i>JUMPER ASSY-ELECTRICAL BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5) .....</i>				
	PE88001-5BB5	.METALIZACAO (B.I.312-00-0003) .....	001JK	1		
		<i>JUMPER ASSY-ELECTRICAL BONDING (I.B.312-00-0003) ....</i>				
47	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6) .....	001JK	7		
		<i>JUMPER ASSY-ELECTRICAL BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6).....</i>				
	PE88001-58B6	PONTE LIGACAO, CONJ (B.I.312-00-0003) .....	001JK	7		
		<i>JUMPER ASSY (I.B.312-00-0003).....</i>				
48	MS21042L3	.PORCA (PF) .....	96906	19		
		<i>NUT (AP).....</i>				
49	MS35338-43	.ARRUELA (PF).....	96906	19		
		<i>WASHER (AP).....</i>				
50	AN960C10L	.ARRUELA (PF).....	88044	11		
		<i>WASHER (AP).....</i>				
51	AN960-10L	ARRUELA (PF).....	88044	19		
		<i>WASHER,FLAT (AP).....</i>				
52	AN3C4A	.PARAFUSO-CABEÇA SEXTAVADA,AÇO INOX (PF) .....	88044	6		
		<i>BOLT (AP).....</i>				
53	NAS1197-10L	.ARRUELA (PF).....	80205	26		
		<i>WASHER (AP) .....</i>				
54	AN3-5A	.PARAFUSO-CABECA SEXTAVADA,ACO (PF) .....	88044	5		
		<i>BOLT (AP) .....</i>				
55	AN3-4A	.PARAFUSO-CABEÇA SEXTAVADA,AÇO(PF).....	88044	3		
		<i>BOLT-HEXAGON HEAD,STEEL (AP).....</i>				
56	PE27010C4	BRACADEIRA .....	001JK	6		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
57	PE27010A4	CLAMP.....				
		.BRACADEIRA .....	001JK	3		
	820-40849-005	CLAMP .....				
		INSCRICAO TECNICA .....	001JK	5		
	820-40849-003	PLACARD .....				
		INSCRICAO TECNICA .....	001JK	3		
	820-40849-004	PLACARD .....				
		INSCRICAO TECNICA .....				
	820-40849-002	PLACARD .....				
		.INSCRICAO TECNICA .....	001JK	3		
	312-02973-001	PLACARD .....				
		.INSCRICAO TECNICA .....	001JK	1		
	312-15632-001	PLACARD.....				
		.INSCRICAO TECNICA .....	001JK	2	305999	
		PLACARD.....				
		EFETIVIDADES				
		USAGE CODE LIST				
		A PRE MOD BS 312-00-0003				
		A PRE MOD BS 312-00-0003				
		B AVIOES 312005 A 312264(POS MOD BS 312-29-0011), 312265 E				
		SEGUINTE				
		B AIRCRAFT 312005 A 312264(POST MOD BS 312-29-0011),				
		312265 AND ON				
		C AVIOES 312005 A 312304 (POS MOD BS 312-29-0008), 312305				
		E SEGUINTE				
		C AIRCRAFT 312005 A 312304 (POST MOD BS 312-29-0008),				
		312305 AND ON				





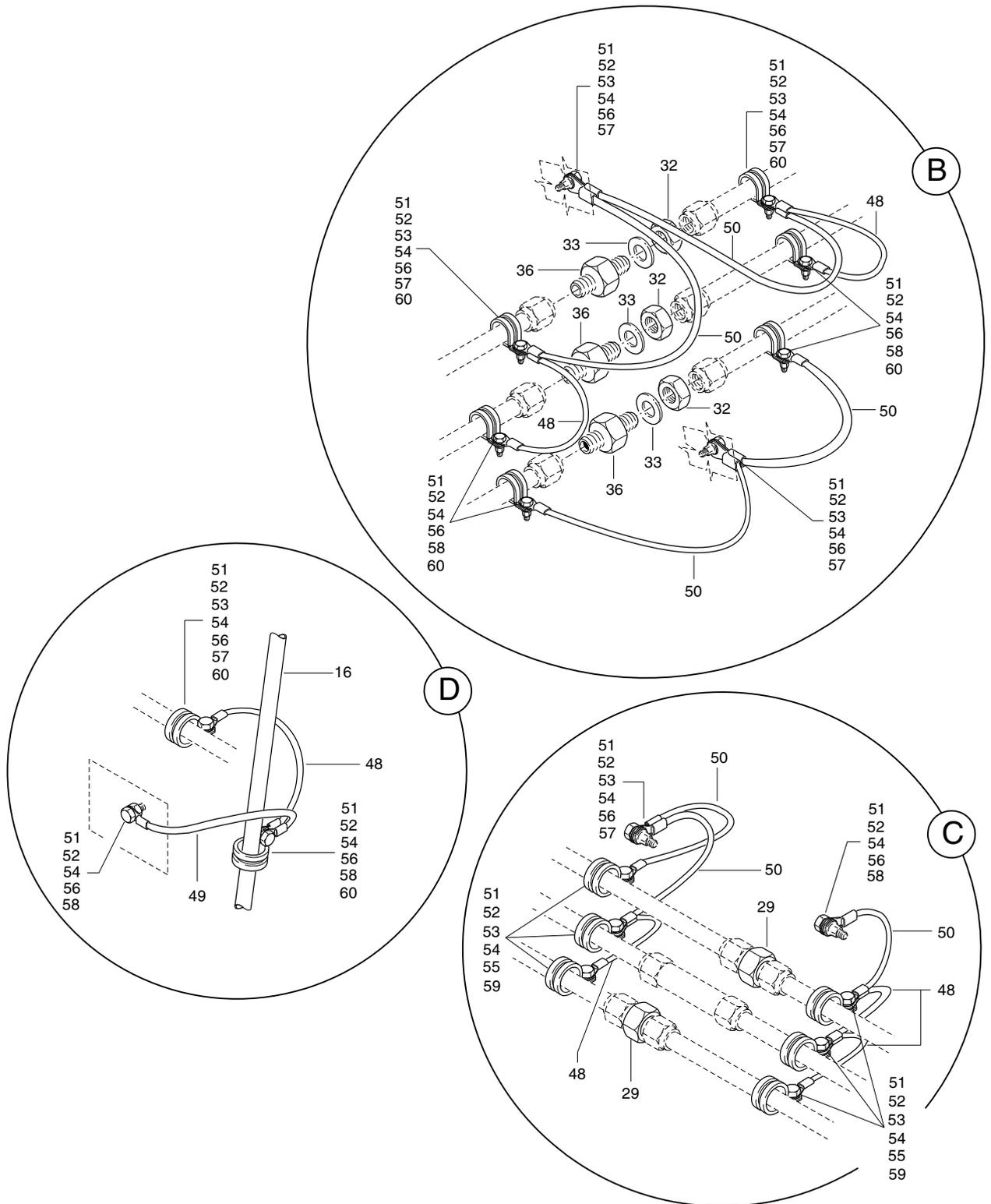
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FIGURA 16. SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA DIR (FOLHA 1 DE 2)  
 FIGURE 16. MAIN HYDR POWER SUPPLY SYSTEM INSTL, RH WING (SHEET 1 OF 2)

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FIGURA 16. SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA DIR (FOLHA 2 DE 2)  
 FIGURE 16. MAIN HYDR POWER SUPPLY SYSTEM INSTL, RH WING (SHEET 2 OF 2)

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
16		SISTEMA HIDRAULICO PRINCIPAL INSTL, ASA DIR .....			A	
1	312-02956-001	MAIN HYDR POWER SUPPLY SYSTEM INSTL, RH WING .... .TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
2	312-02950-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
3	312-06590-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
4	312-06588-001	.TUBO-CONJ .....	001JK	1		
		TUBE ASSY .....				
5	312-02955-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY .....				
6	312-02957-001	.TUBO CONJ .....	001JK	1		
		TUBE ASS Y .....				
7	312-11438-007	.TUBO CONJ .....	001JK	1	B	
		TUBE ASSY-HYDRAULIC SYSTEM .....				
8	312-02962-001	.TUBO CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11438-003) (PRE MOD BS 312-029-0011).....	001JK	1	005264	
		TUBE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312- 11438-003) (PRE MOD SB 312-029-0011).....				
	312-11438-003	.TUBO CONJ .....	001JK	1	B	
		TUBE ASSY-HYDRAULIC SYSTEM .....				
9	312-09405-001	.TUBO CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-13112-001).....	001JK	1	005153	
		TUBE ASSY-HYDRAULIC SYSTEM (ONE-WAY INTERCHANGEABLE WITH P/N 312-13112-001).....				
	312-13112-001	.TUBO CONJ .....	001JK	1	005999	
		TUBE ASSY .....				
10	312-09402-001	.TUBO CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-13109-001).....	001JK	1	005153	
		TUBE ASSY-HYDRAULIC SYSTEM (ONE-WAY INTERCHANGEABLE WITH P/N 312-13109-001).....				
	312-13109-001	.TUBO CONJ .....	001JK	1	005999	
		TUBE ASSY .....				
11	312-09399-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
12	312-02953-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
13	312-09428-001	.TUBO CONJ .....	001JK	1		
		TUBE ASS Y-HYDRAULIC SYSTEM.....				
14	312-02954-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
15	312-09408-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
16	312-09681-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
17	312-09406-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
18	312-09403-001	.TUBO CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-13110-001).....	001JK	1	005153	
		TUBE ASSY-HYDRAULIC SYSTEM (ONE-WAY INTERCHANGEABLE WITH P/N 312-13110-001).....				
	312-13110-001	.TUBO CONJ .....	001JK	1	005999	
		TUBE ASSY .....				
19	312-09400-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
20	312-09680-001	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
16	21	312-09404-001	.TUBO CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-13111-001)..... TUBE ASSY-HYDRAULIC SYSTEM (ONE-WAY INTERCHANGEABLE WITH P/N 312-13111-001).....	001JK	1	005153
		312-13111-001	.TUBO CONJ ..... TUBE ASSY-HYDRAULIC SYSTEM.....	001JK	1	005999
	22	312-09401-001	.TUBO CONJ ..... TUBE ASSY-HYDRAULIC SYSTEM.....	001JK	1	
	23	312-02938-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11610-003) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11610-003) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11610-003	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
	24	312-02937-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11605-001) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11605-001) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11605-001	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
		MS21919WDG7	.BRACADEIRA .....	96906	1	
		MS21042L3	.PORCA (PF) .....	96906	1	
		AN960-10L	.NUT (AP) .....	88044	1	
		MS35207-263	.ARRUELA (PF) .....	88044	1	
			.WASHER, FLAT (AP).....	96906	1	
			.PARAFUSO (PF)..... SCREW (AP) .....	96906	1	
	25	312-10694-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11605-015) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11605-015) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11605-015	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
	26	312-10693-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11605-013) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11605-013) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11605-013	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
	27	312-09388-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11610-011) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11610-011) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11610-011	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
	28	312-09389-001	.MANGUEIRA CONJ (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 312-11610-013) (PRE MOD BS 312-029-0008) ..... HOSE ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 312-11610-013) (PRE MOD SB 312-029-0008) .....	001JK	1	005304
		312-11610-013	.MANGUEIRA CONJ ..... HOSE ASSY-HYDRAULIC SYSTEM.....	001JK	1	C
	29	MS21902D4	.UNIAO .....	96906	10	
			.UNION .....	96906	14	
	30	MS28778-4	.ANEL DE VEDACAO .....	96906	14	
			.O RING.....	96906	2	
	31	MS21908D4	.CONEXAO 90 GRAUS .....	96906	2	
			.ELBOW, 90-DEGREE.....	88044	23	
	32	AN924-4D	.PORCA SEXTAVADA PLANA .....	88044	23	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
16		NUT.....				
33	AN960-D716	.ARRUELA,PLANA .....		22		
		WASHER,FLAT.....				
34	MS21909D4	.CONEXAO EM TE .....	96906	2		
		BULKEAD .....				
35	MS21912D4	.CONEXAO EM TE .....	96906	4		
		TEE.....				
36	MS21924D4	.UNIAO .....	96906	13		
		CONNECTION, UNION .....				
37	MS21907D4	.CONEXAO 45 GRAUS .....	96906	2		
		CONNECTION 45-DEGREE.....				
38	MS21905D4	.CONEXAO EM TE .....	96906	1		
		TEE,FLARELESSTUBE,ALUMINUM .....				
39	MS35489-7	.ILHOS,BOR NBR .....	96906	4		
		GROMMET.....				
40	WTC2115-1	.CILINDRO ATUADOR (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N WTC2254-1).....	62064	1	006380	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N WTC2254-1).....				
	WTC2254-1	.ATUADOR DO TREM DE POUSO (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 2112-0001-001).....	62064	1	006455	
		ACTUATOR ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 2112-0001-001).....				
	2112-0001-001	.ATUADOR LINEAR HIDRAULICO,CONJ-MECANISMO TREM POUSO (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 2112-0001-003).....	005TK	1	006481	
		ACTUATOR,LINEAR HYDRAULIC ASSY-LANDING GEAR MECHANISM (ONE-WAY INTERCHANGEABLE WITH P/N 2112-0001-003).....				
	2112-0001-003	.ATUADOR LINEAR HIDRAULICO,CONJ-MECANISMO TREM POUSO .....	005TK	1	006999	
		ACTUATOR,LINEAR HYDRAULIC ASSY-LANDING GEAR MECHANISM.....				
41	312-10806-001	.CILINDRO ATUADOR (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N WTC2258-3).....	001JK	2	006391	
		CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N WTC2258-3).....				
	WTC2258-3	.ATUADOR DE PORTAS DO TREM DE POUSO (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 2110-0001-001).....	62064	2	006455	
		ACTUATOR ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 2110-0001-001).....				
	2110-0001-001	.ATUADOR LINEAR,HIDRAULICO-PORTA TREM POUSO (INTERCAMBIAVEL ,SENTIDO ÚNICO COM P/N 2110-0001-003).....	005TK	2	006481	
		ACTUATOR ASSY (ONE-WAY INTERCHANGEABLE WITH P/N 2110-0001-003).....				
	2110-0001-003	.ATUADOR LINEAR,HIDRAULICO-PORTA TREM POUSO.....	005TK	2	006999	
		ACTUATOR ASSY .....				
	MS24665-134	.CONTRA PI NO (PF) .....	96906	2		
		PIN, COTTER (AP).....				
	MS14145L3	.PORCA SEX CAST,AUTO-FREN,BAIXA,ACO (PF).....	96906	2		
		NUT,CSTL,SELF-LOCKING, THIN, STEEL (AP) .....				
	AN960-10L	.ARRUELA (PF) .....	88044	4		
		WASHER,FLAT (AP).....				
	AN960-10	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER,FLAT (AP).....				
	NAS6203-17D	.PINO ROSCADO (PF) .....	80205	1		
		BOLT (AP).....				

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
16	NAS6203-14D	.PI NO ROSCADO (PF) .....	80205	1		
		<i>BOLT (AP)</i> .....				
42	499A-4BBB	.VALVULA DE PRIORIDADE .....	91816	3		
		<i>VALVE, SHUTTLE</i> .....				
43	1143-A0610	.VALVULA .....	70236	1		
		<i>VALVE, RESTRICTOR</i> .....				
44	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB4) <i>BONDING (FOR REPLACEMENT USE P/N PEBB001-5BB4)..</i>	001JK	1		
	PE88001-5BB4	.PONTE LIGACAO, CONJ (BS 312-00-0003) .....	001JK	1		
		<i>JUMPER ASSY (IB 312-00-0003)</i> .....				
	MS21042L3	.PORCA (PF) .....	96906	2		
		<i>NUT (AP)</i> .....				
	MS35338-43	.ARRUELA (PF) .....	96906	2		
		<i>WASHER (AP)</i> .....				
	AN960C10L	.ARRUELA PLANA, INOX (PF) .....	88044	1		
		<i>WASHER, FLAT, CRES (AP)</i> .....				
	NAS1197-10L	.ARRUELA (PF) .....	80205	2		
		<i>WASHER (AP)</i> .....				
	AN960-10L	.ARRUELA (PF) .....	88044	2		
		<i>WASHER, FLAT (AP)</i> .....				
	AN3C4A	.PINO ROSCADO (PF) .....	88044	1		
		<i>BOLT (AP)</i> .....				
	AN3-4A	.PI NO ROSCADO (PF) .....	88044	1		
		<i>BOLT (AP)</i> .....				
	PE27010C4	.BRACADEIRA .....	001JK	1		
		<i>CLAMP</i> .....				
45	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB5) <i>BONDING (FOR REPLACEMENT USE P/N PEBB001 -5BB5).</i>	001JK	1		
	PE88001-5BB5	.METALIZACAO (BI 312-00-0003) .....	001JK	1		
		<i>BONDING (IB 312-00-0003)</i> .....				
	MS21042L3	.PORCA (PF) .....	96906	2		
		<i>NUT (AP)</i> .....				
	MS35338-43	.ARRUELA (PF) .....	96906	2		
		<i>WASHER (AP)</i> .....				
	AN960C10L	.ARRUELA PLANA, INOX (PF) .....	88044	2		
		<i>WASHER, FLAT, CRES (AP)</i> .....				
	AN960-10L	.ARRUELA (PF) .....	88044	2		
		<i>WASHER, FLAT (AP)</i> .....				
	AN3C4A	.PINO ROSCADO (PF) .....	88044	2		
		<i>BOLT (AP)</i> .....				
	PE27010C4	.BRACADEIRA .....	001JK	2		
		<i>CLAMP</i> .....				
46	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB6) <i>BONDING (FOR REPLACEMENT USE P/N PE88001-5BB6)..</i>	001JK	2		
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003) .....	001JK	2		
		<i>JUMPER ASSY (IB 312-00-0003)</i> .....				
47	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB4) <i>BONDING (FOR REPLACEMENT USE P/N PE88001-5BB4)..</i>	001JK	1		
	PE88001-5BB4	.PONTE LIGACAO, CONJ (BI 312-00-0003) .....	001JK	1		
		<i>JUMPER ASSY (IB 312-00-0003)</i> .....				
	MS21042L3	.PORCA (PF) .....	96906	5		
		<i>NUT (AP)</i> .....				
	MS35338-43	.ARRUELA (PF) .....	96906	5		
		<i>WASHER (AP)</i> .....				
	AN960C10L	.ARRUELA PLANA, INOX (PF) .....	88044	3		

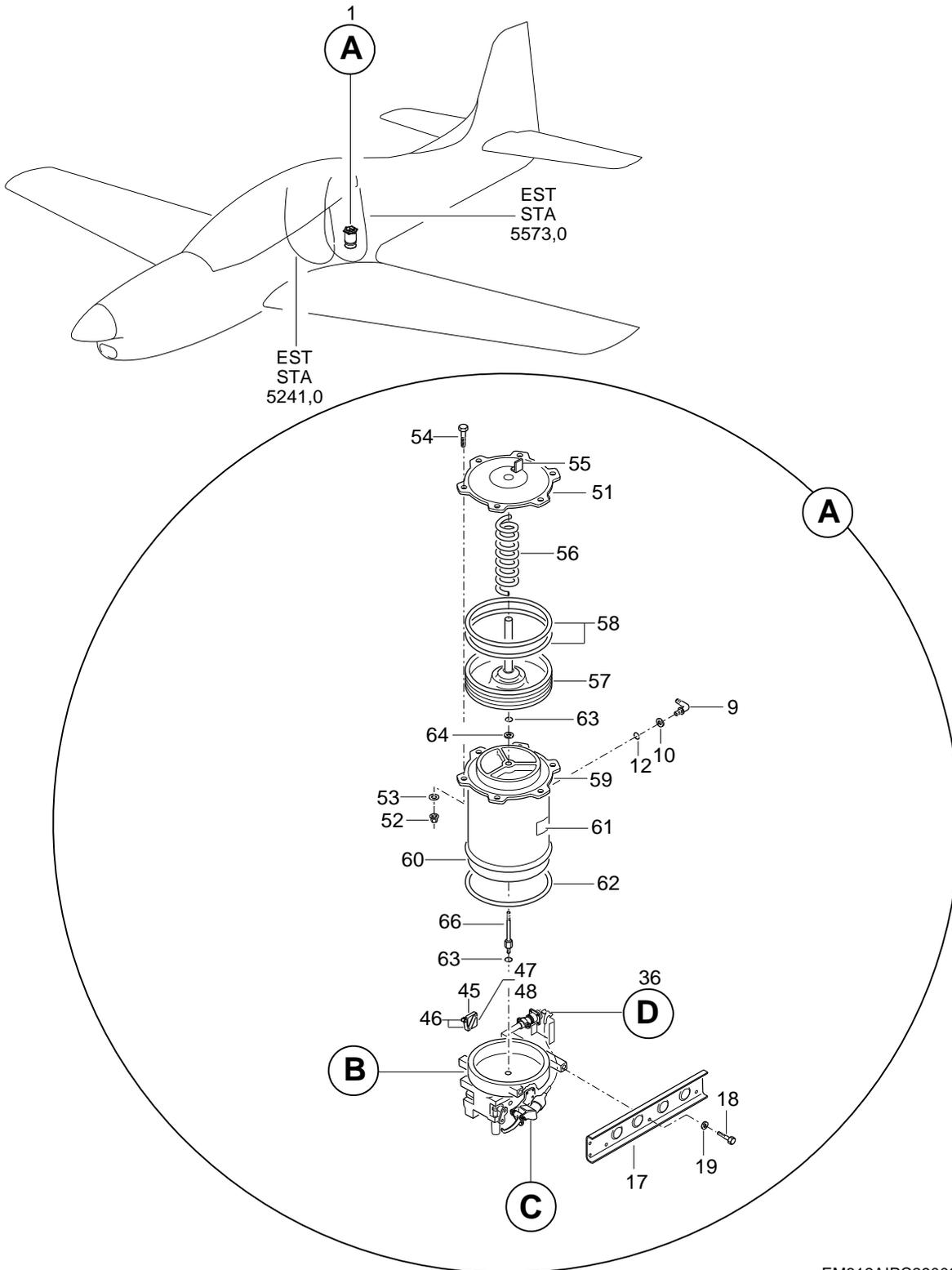
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
16						
	NAS1197-10L	WASHER,FLAT, CRES (AP) ..... .ARRUELA (PF) .....	80205	4		
	AN960-10L	WASHER (AP) ..... .ARRUELA (PF).....	88044	5		
	AN3C4A	WASHER, FLAT (AP) ..... .PINO ROSCADO (PF) .....	88044	3		
	AN3-4A	BOLT (AP) ..... .PINO ROSCADO (PF) .....	88044	2		
	PE27010C4	BOLT (AP) ..... .BRACADEIRA .....	001JK	3		
48	PE88001-1BB4	CLAMP..... .METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB4) BONDING (PARA REPOSICAO USE P/N PE88001-5BB4).....	001JK	6		
	PE88001-5BB4	.PONTE LIGACAO,CONJ (BI 312-00-0003) ..... JUMPER ASSY (IB 312-00-0003).....	001JK	6		
49	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB5) BONDING (FOR REPLA CEMENT USE P/N PE88001-5BB5) .	001JK	1		
	PE88001-5BB5	.METALIZACAO (BI 312-00-0003) ..... BONDING (IB 312-00-0003).....	001JK	1		
50	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N PE88001-5BB6) BONDING (FOR REPLACEMENT USE P/N PE88001-5BB6) ...	001JK	7		
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003)..... JUMPER ASSY (IB 312-00-0003) .....	001JK	7		
51	MS21042L3	.PORCA (PF) .....	96906	19		
		NUT (AP).....				
52	MS35338-43	.ARRUELA (PF).....	96906	19		
		WASHER (AP) .....				
53	AN960C10L	.ARRUELA PLANA,INOX (PF).....	88044	9		
		WASHER,FLAT, CRES (AP).....				
54	AN960-10L	.ARRUELA (PF).....	88044	19		
		WASHER,FLAT (AP) .....				
55	AN3C4A	.PINO ROSCADO (PF) .....	88044	6		
		BOLT (AP).....				
56	NAS1197-10L	.ARRUELA (PF).....	80205	26		
		WASHER (AP) .....				
57	AN3-5A	.PINO ROSCADO (PF) .....	88044	6		
		BOLT (AP).....				
58	AN3-4A	.PINO ROSCADO (PF) .....	88044	7		
		BOLT.....				
59	PE27010C4	.BRACADEIRA .....	001JK	6		
		CLAMP .....				
60	PE27010A4	.BRACADEIRA .....	001JK	8		
		CLAMP .....				
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 PRE MOD SB 312-00-0003 B AVIOES 312005 A 312264 (POS MOD BS 312-29-001 1) ,312265 E SEGUINTE B AIRCRAFT 312005 THRU 312264 (POST MOD SB 312-29- 0011),312265 AND ON C AVIOES 312005 A 312304 (POS MOD BS 312-29-0008),312305 E SEGUINTE C AIRCRAFT 312005 TRHU 312304 (POST MOD SB 312-29- 0008),312305 AND ON				

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REVISÃO 7  
CHANGE 7





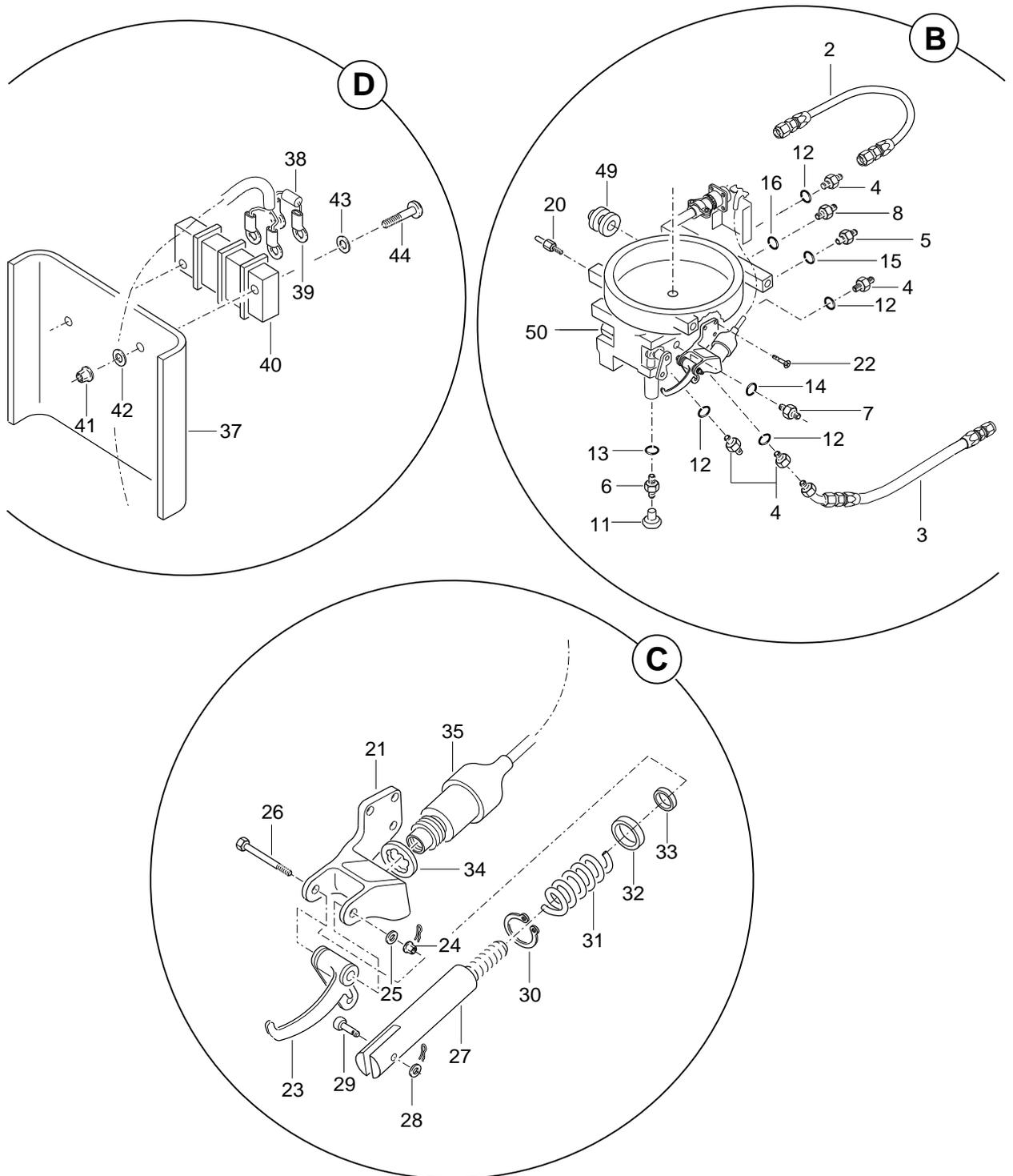
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FIGURA 20. RESERVATORIO DE PRESSURIZACAO INSTL (FOLHA 1 DE 2)  
 FIGURE 20. PRESSURIZING RESERVOIR INSTL (SHEET 1 OF 2)

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REVISÃO 9  
 CHANGE 9



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FIGURA 20. RESERVATORIO DE PRESSURIZACAO INSTL (FOLHA 2 DE 2)  
 FIGURE 20. PRESSURIZING RESERVOIR INSTL (SHEET 2 OF 2)

REVISÃO 9  
 CHANGE 9

**29-10-00**

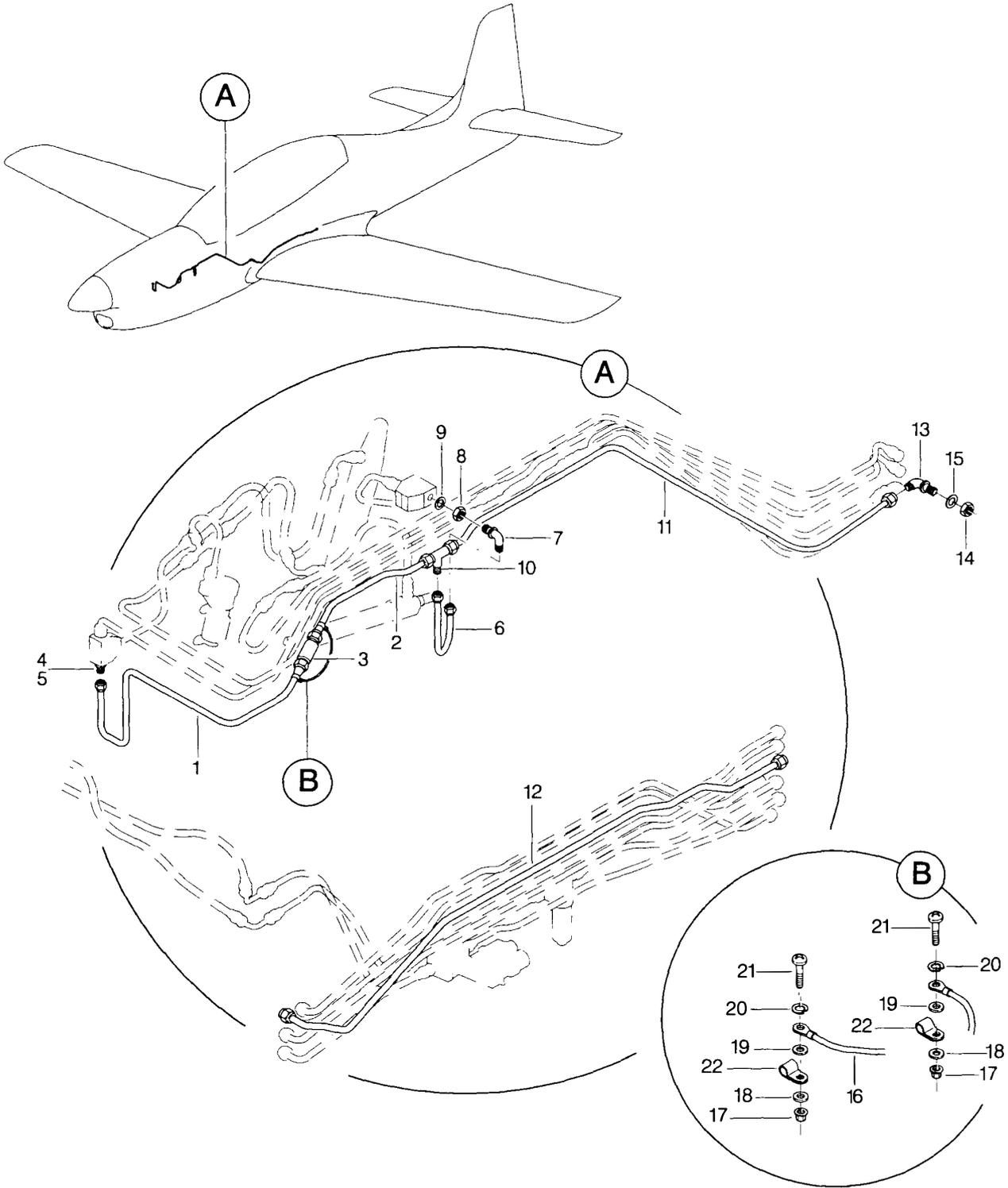
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
20		RESERVATORIO DE PRESSURIZACAO INSTL .....		REF		
1	312-12047-521	.RESERVATORIO PRESSURIZACAO CONJ .....	001JK	1	A	
	312-01861-503	.RESERVATORIO PRESSURIZACAO CONJ .....	001JK	1	B	
	312-01861-505	.RESERVATORIO PRESSURIZACAO CONJ .....	001JK	1	B	
	312-12047-503	.RESERVATORIO PRESSURIZACAO CONJ (INTERC..... SENTIDO UNICO COM P/N=312-12047-521).....	001JK	1	C	
	312-12047-517	.RESERVATORIO PRESSURIZACAO CONJ .....	001JK	1	D	
	312-12047-001	.RESERVATORIO PRESSURIZACAO CONJ (INTERC SENTIDO UNICO COM P/N=312-12047-503).....	001JK	1	E	
	312-16779-001	.RESERVATORIO HIDRAULICO A/D WTC 2135-1(INTERC SENTIDO UNICO COM P/N=2703-0100-001).....	001JK	1	L	
	2703-0100-001	.UNIDADE CONTROLE HIDRAULICO (INTERC SENTIDO UNICO COM P/N=2703-0100-003) (PRE MOD BS 29-0016)....	005TK	1	M	
	2703-0100-003	.UNIDADE CONTROLE HIDRAULICO (POS MOD BS 29- 0016) .....	005TK	1	N	
2	312-11559-001	..MANGUEIRA CONJ .....	001JK	1	F	
	312-02914-001	..MANGUEIRA CONJ (PRE MOD BS 312-029-0008) .....	001JK	1	006304	
3	312-11610-001	..MANGUEIRA CONJ .....	001JK	1	F	
	312-02915-001	..MANGUEIRA CONJ (PRE MOD BS 312-029-0008) .....	001JK	1	006304	
4	MS21902D4	..UNIAO .....	96906	1		
5	MS21902D8	..UNIAO .....	96906	4		
6	MS21916D4-3	..CONEXAO REDUTORA .....	96906	1		
7	MS21916D5-4	..CONEXAO REDUTORA .....	96906	1		
8	MS2196D8-6	..CONEXAO REDUTORA .....	96906	1		
9	MS21908D4	..CONEXAO 90 GRAUS .....	96906	1		
10	AN924-4D	..PORCA SEXTAVADA PLANA .....	88044	1		
11	MS21914-4	..BUJAO .....	96906	1		
12	MS28778-4	..ANEL DE VEDACAO .....	96906	1		
13	MS28778-3	..ANEL VED BOR NBR P/ FL HIDR.....	96906	5		
14	MS28778-5	..ANEL DE VEDACAO .....	96906	1		
15	MS28778-8	..ANEL DE VEDACAO .....	96906	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
20		O'RING.....				
16	MS28778-6	..ANEL DE VEDACAO .....	96906	1		
17	312-02913-001	O'RING..... ..PERFIL 'U' .....	001JK	1		
18	AN4-4A	PROFILE 'U' .....				
19	AN960-416	..PINO ROSCADO (PF) .....	88044	1		
20	312-02911-001	BOLT (AP) .....				
21	312-14218-001	..ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
		..PINO ESPECIAL .....	001JK	2		
		PIN, SPECIAL.....				
		..SUPORTE .....	001JK	2	G	
		SUPPORT .....				
		..SUPORTE .....	001JK	1	H	
		SUPPORT .....				
22	NAS514P832-8	..PARAFUSO (PF).....	80205	1		
		SCREW (AP) .....				
23	312-09836-001	..GUINHOL CONJ .....	001JK	3		
		BELLCRANK ASSY .....				
		..CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER .....				
24	AN320-3	..PORCA (PF) .....	88044	1		
		NUT (AP).....				
25	AN960-10L	..ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP) .....				
26	NAS6203-17D	..PINO ROSCADO (PF) .....	80205	1		
		BOLT (AP) .....				
27	312-11911-001	..TERMINAL .....	001JK	1		
		TERMINAL.....				
		..CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER.....				
28	AN960-6L	ARRUELA PLANA .....	88044	1		
		WASHER, FLAT (AP) .....				
29	MS20392-1C9	..PINO (PF) .....	96906	5		
		PIN, STRAIGHT, HEADED, DRIL SHK, STEEL (AP).....				
30	MS16624-1025	..ANEL DE RETENCAO .....	96906	1		
		RING, RETAINING .....				
31	312-11967-001	..MOLA .....	001JK	1		
		SPRING .....				
32	AN960-416L	..ARRUELA PLANA, ACO .....	88044	1	265999	
		WASHER, FLAT, S TEEL .....				
		..ARRUELA PLANAM CONECTOR ELETRICO .....	001JK	1	006264	
		WASHER, FLAT WITHOUT ELECT CONN .....				
33	PE24009-032-37	..ARRUELA .....	001JK	1		
		WASHER .....				
34	MS35333-127	..ARRUELA .....	96906	1		
		WASHER .....				
35	312-09766-001	..SOLENOIDE (L10) .....	001JK	1		
		SOLENOID .....				
36	312-09763-001	..SIST ELETR-BLOCO ALIMENT .....	001JK	1		
		ELECS YS-POWER PACK .....				
37	312-11913-001	SUPORTE .....	001JK	1		
		SUPPORT .....				
		CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
38	1N4007	DIODO (CR45) .....	04713	1		
		DIODE (CR45) .....				
39	PE88022-145	TERMINAL.....	001JK	1		
		TERMINAL.....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
20						
40	PE95152-2	BARRA DE TERMINAIS (TB22) .....	001JK	1		
	H14-06	BLOCK TERMINAL .....				
		PORCA HEXAGONAL ESTRIA .....	15653	2		
		NUT, SPLICE HEXAGON .....				
42	AN960D6L	ARRUELA PLANA.AL (PF) .....	80205	2		
		WASHER, FLAT, AL (AP) .....				
43	MS35333-37	ARRUELA .....	96906	2		
		WASHER (PF) .....				
44	MS35206-231	PARAFUSO (PF) .....	96906	2		
		SCREW (AP) .....				
45	6HM1-1	MICROINTERRUPTOR (S29, S57) .....	28009	2		
		MICROSWITCH .....				
46	JS-5	ROLETE ATUADOR .....	91929	2		
		ROLLER, ACTUATING .....				
	MS20995C20	ARAME DE FRENO (PF) .....	96906	AR		
		LOCKWIRE (AP) .....				
47	MS35276-209	..PARAFUSO (PF) .....	96906	2		
		SCREW (AP) .....				
48	AN960-3L	ARRUELA PLANA (PF) .....	88044	4		
		WASHER. FLA T (AP) .....				
49	312-10335-001	..CAME .....	001JK	1		
		CAM .....				
50	312-12047-003	..BLOCO ALIMENTACAO .....	001JK	1		
		POWER PACK .....				
51	312-05002-001	..TAMPA CONJ .....	001JK	1		
		COVER ASSY .....				
52	MS21042L3	..PORCA (PF) .....	96906	6		
		NUT (AP) .....				
53	AN960-10L	..ARRUELA (PF) .....	88044	6		
		WASHER FLAT (AP) .....				
54	AN3-5A	..PINO ROSCADO (PF) .....	88044	6		
		BOLT (AP) .....				
55	312-12204-501	..INSCRICAO TECNICA (POS MOD BS 312-029-0003) .....	001JK	1		
		PLACARD (POST MOD SB 312-029-0003) .....				
56	312-04606-001	..INSCRICAO TECNICA (PRE MOD BS 312-029-0003) .....	001JK	1		
		PLACARD (PRE MOD SB 312-029-0003) .....				
	312-01866-001	..MOLA .....	001JK	1		
		SPRING .....				
57	312-01864-501	..PISTAO .....	001JK	1		
		PISTON .....				
58	MS28775-260	..ANEL VED BOR NBR PI FL HIDR .....	96906	2		
		O'RING .....				
59	312-01863-001	..BASE DO RESERVATORIO HIDRAULICO .....	001JK	1		
		BASE HYDRAULIC RESERVOIR .....				
60	312-04937-001	..CILINDRO DO RESERVATORIO HIDRAULICO .....	001JK	1		
		BODY, HYDRAULIC RESERVOIR .....				
61	312-11623-001	..INSCRICAO TECNICA .....	001JK	1	A	
		PLACARD .....				
	312-10675-001	..INSCRICAO TECNICA .....	001JK	1	B	
		PLACARD .....				
	312-11628-001	..INSCRICAO TECNICA .....	001JK	1	B	
		PLACARD .....				
	312-14424-001	..INSCRICAO TECNICA .....	001JK	1	C	
		PLACARD .....				
	312-11621-001	..INSCRICAO TECNICA .....	001JK	1	D	
		PLACARD .....				
	312-12075-001	..INSCRICAO TECNICA .....	001JK	1	E	
		PLACARD .....				
62	MS28775-257	..ANEL VED BOR NBR PI FL HIDR .....	96906	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
20						
63	MS28778-2	O'RING..... ..ANEL DE VEDACAO .....	96906	1		
	MS24665-134	O'RIN..... ..CONTRA PINO .....	96906	1		
64	AN320-5	PIN, COTTER..... ..PORCA (PF) .....	88044	1		
	AN960-516L	NUT (AP)..... ..ARRUELA PLANA,ACO (PF) .....	88044	1		
66	312-01871-001	WASHER.FLAT, STEEL (AP)..... ..PARAFUSO ESPECIAL (PF) .....	001JK	1		
		BOLT, SPECIAL (AP).....  EFETIVIDADES USAGE CODE LIST A AVIOES 312045 A 312052 (POS MOD BS 312-032-0008),312053,312149,312155 A 312160,312162 A 312304 (POST MOD BS 312-029-0008),312305 A 312434 A AIRCRAFT 312045 THRU 312052 (POST MOD SB 312-032-0008),312053,312149,312155 THRU 312160,312162 THRU 312304 (POST MOD SB 312-029-0008),312305 THRU 312434 B AVIOES 312045 A 312052 (PRE MOD BS 312-032-0008) B AIRCRAFT 312045 THRU 312052 (PRE MOD SB 312-032-0008) C AVIOES 312053,312149,312155 A 312304 (PRE MOD BS312-029-0008) C AIRCRAFT 312053,312149,312155 THRU 312304 (PRE MOD SB 312-029-0008) D AVIOES 312006 A 312044,312054 A 312148,312150 A 312154 (POS MOD BS 312-029-0008) D AIRCRAFT 312006 THRU 312044,312054 THRU 312148,312150 THRU 312154 (POST MOD SB 312-029-0008) E AVIOES 312006 A 312044,312054 A 312148,312150 A 312154(PRE MOD BS 312-029-0008) E AIRCRAFT 312006 THRU 312044,312054 THRU 312148,312150THRU 312154 (PRE MOD SB 312-029-0008) F AVIOES 312006 A 312304 (POS MOD BS 312-029-0008),312305E SEGUINTE F AIRCRAFT 312006 THRU 312304 (POST MOD SB 312-029-0008),312305 AND ON G AVIOES 312006 A 312052,312054 A 312148,312150 A 312154(POS MOD BS 312-029-0004),312053,312149,312155 E SEGUINTE G AIRCRAFT 312006 THRU 312052,312054 THRU 312148,312150 THRU 312154 (POST MOD SB 312-029-0004),312053,312149,312155 AND ON H AVIOES 312006 A 312052,312054 A 312148,312150 A 312154(PRE MOD BS 312-029-0004) H AIRCRAFT 312006 THRU 312052,312054 THRU 312148,312150THRU 312154 (PRE MOD SB 312-029-0004) J AVIOES 312045 A 312052 (POS MOD BS 312-032-0008),312006A 312044,312054 E SEGUINTE J AIRCRAFT 312045 THRU 312052 (POST MOD SB 312-032-0008),312006 THRU 312044,312054 AND ON K AVIOES 312045 A 312052 (PRE MOD BS 312-032-0008),312053 K AIRCRAFT 312045 THRU 312052 (PRE MOD SB 312-032-0008),312053 L AVIOES 312435 A 312436,312456 A 312495 L AIRCRAFT 312435 THRU 312436,312456 THRU 312495 M AVIOES 312429 A 312436,312456 A 312495 M AIRCRAFT 312429 THRU 312436,312456 THRU 312495 N AVIOES 312006 A 312495 (POS MOD BS312-29-0016) N AIRCRAFT 312006 THRU 31295(POST MOD SB312-29-0016)				



312 0429 0065

FIGURA 01. SIST HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAV 3 E 8  
FIGURE 01. EMER HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 3 & 8

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SIST HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CA V 3 E 8..... EMER HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 3 & 8.....		REF		
1	312-08795-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	312-08796-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
3	1143A0900	.VALVULA..... VALVE, RESTRICTOR.....	70236	1		
4	MS21902D4	.UNIAO..... UNION.....	96906	1		
5	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
6	312-08797-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
7	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
8	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
9	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
10	MS21905D4	.CONEXAO EM TE..... TEE, FLARELESS TUBE, ALUMINUM.....	96906	1		
11	312-08800-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
12	312-08042-001	.TUBO CONJ (PRE MOD BS 312-029-0009)..... TUBE ASSY (PRE MOD SB 312-029-0009).....	S4956	1	006224	
	312-12822-001	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1	A	
13	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
14	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
15	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	1		
16	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB6)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6 ).....	S4956	1		
	PE88001-5BB6	.PONTE LIGACAO, CONJ (BI 312-00-0003)..... JUMPER ASSY (IB 312-00-0003).....	S4956	1		
17	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
18	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	2		
19	AN960C10L	.ARRUELA PLANA, INOX (PF)..... WASHER, FLAT, CRES (AP).....	88044	2		
20	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	2		
21	MS27039C1-08	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
22	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	2		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312224 (POS MOD BS 312-029-0009), 312 225 E SEGUINTE A AIRCRAFT 312006 THRU 312224 (POST MOD SB 312-029-0009)				

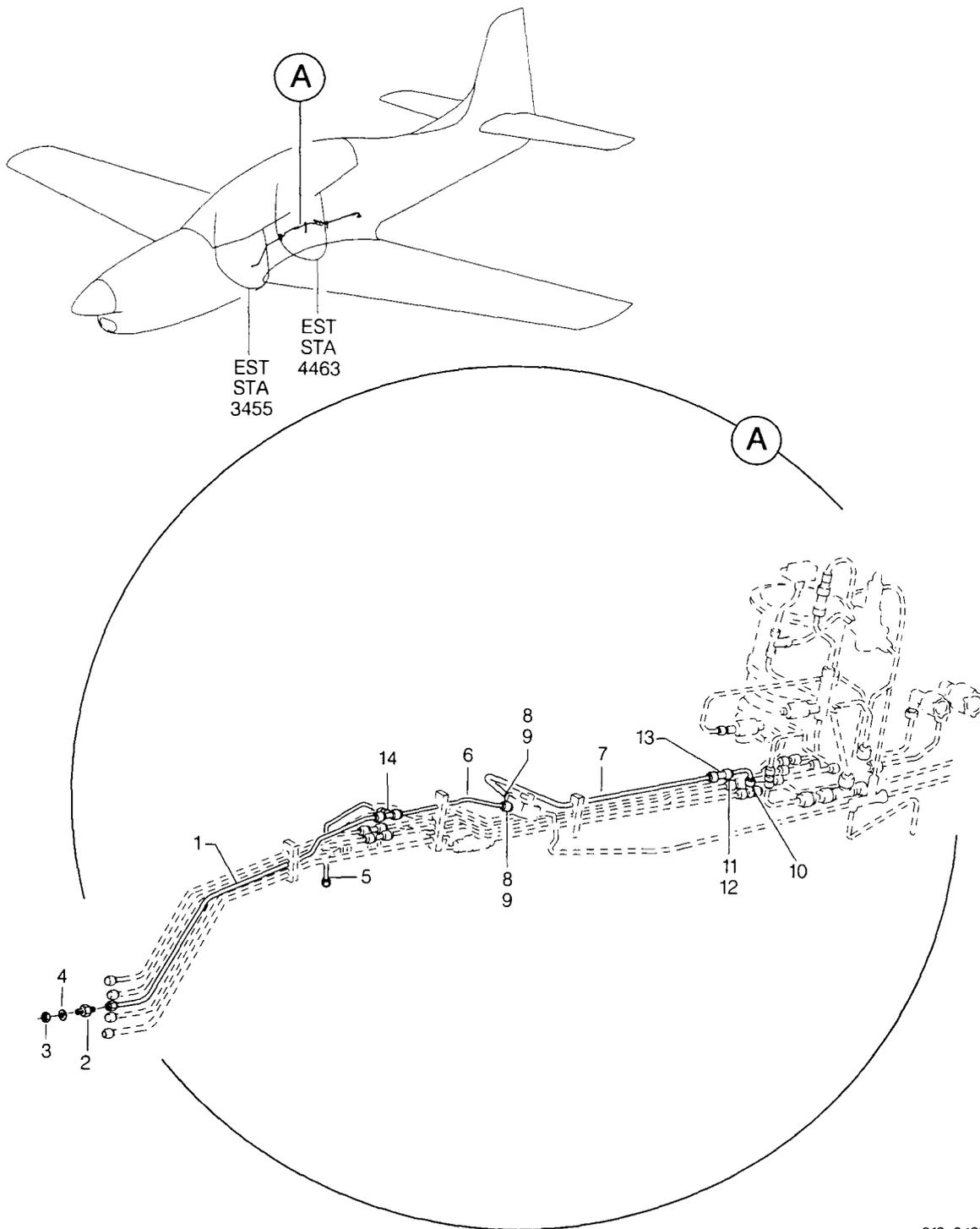
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		, 312225 AND ON				

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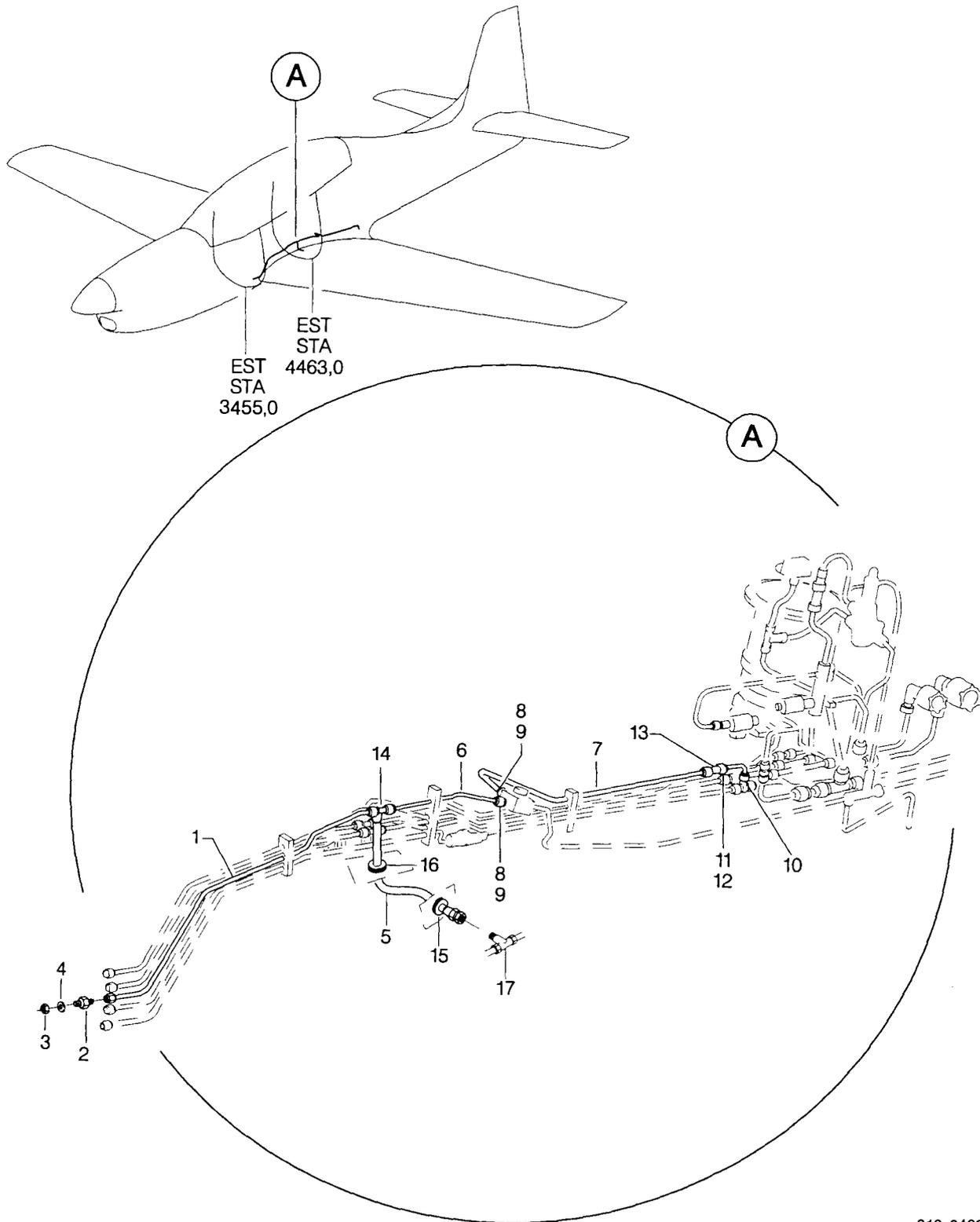
312 0429 0066

FIGURA 05. SISTEMA HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAVERNAS 8 E 14  
FIGURE 05. EMERGENCY HYDR POWER SUPPLY SYSTEM INSTL, FUSLG, BETWEEN FRAMES 8 & 14

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		SISTEMA HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAVERNAS 8 E 14..... EMERGENCY HYDR POWER SUPPLY SYSTEM INSTL, FUSL G, BETWEEN FRAMES 8 & 14.....		REF	A	
1	312-08047-001	.TUBO CONJ.....	S4956	1		
2	MS21924D4	.TUBE ASSY..... .UNIAO.....	96906	1		
3	AN924-4D	CONNECTION, UNION..... .PORCA SEXTAVADA PLANA (PF).....	88044	1		
4	AN960-716L	NUT (AP)..... .ARRUELA PLANA, ACO (PF).....	88044	1		
5	312-08052-001	WASHER (AP)..... .TUBO CONJ.....	S4956	1		
6	312-08787-001	TUBE ASSY..... .TUBO CONJ.....	S4956	1		
7	312-08788-001	TUBE ASSY..... .TUBO CONJ.....	S4956	1		
8	MS21916D6-4	TUBE ASSY..... .CONEXAO REDUTORA.....	96906	2		
9	MS28778-6	REDUCER, FLARELESS TUBE, ALUMINUM..... .ANEL DE VEDACAO.....	96906	2		
10	312-09533-001	RING, 'O'..... .TUBO CONJ.....	S4956	1		
11	MS21902D4	TUBE ASSY..... .UNIAO.....	96906	1		
12	MS28778-4	UNION..... .ANEL DE VEDACAO.....	96906	1		
13	249A4TB	RING, 'O'..... .VALVULA.....	91816	1		
14	MS21905D4	VALVE, CHECK..... .CONEXAO EM TE.....	96906	1		
		TEE, FLARELESS TUBE, ALUMINUM.....				
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PRE MOD SB 312-00-0003				



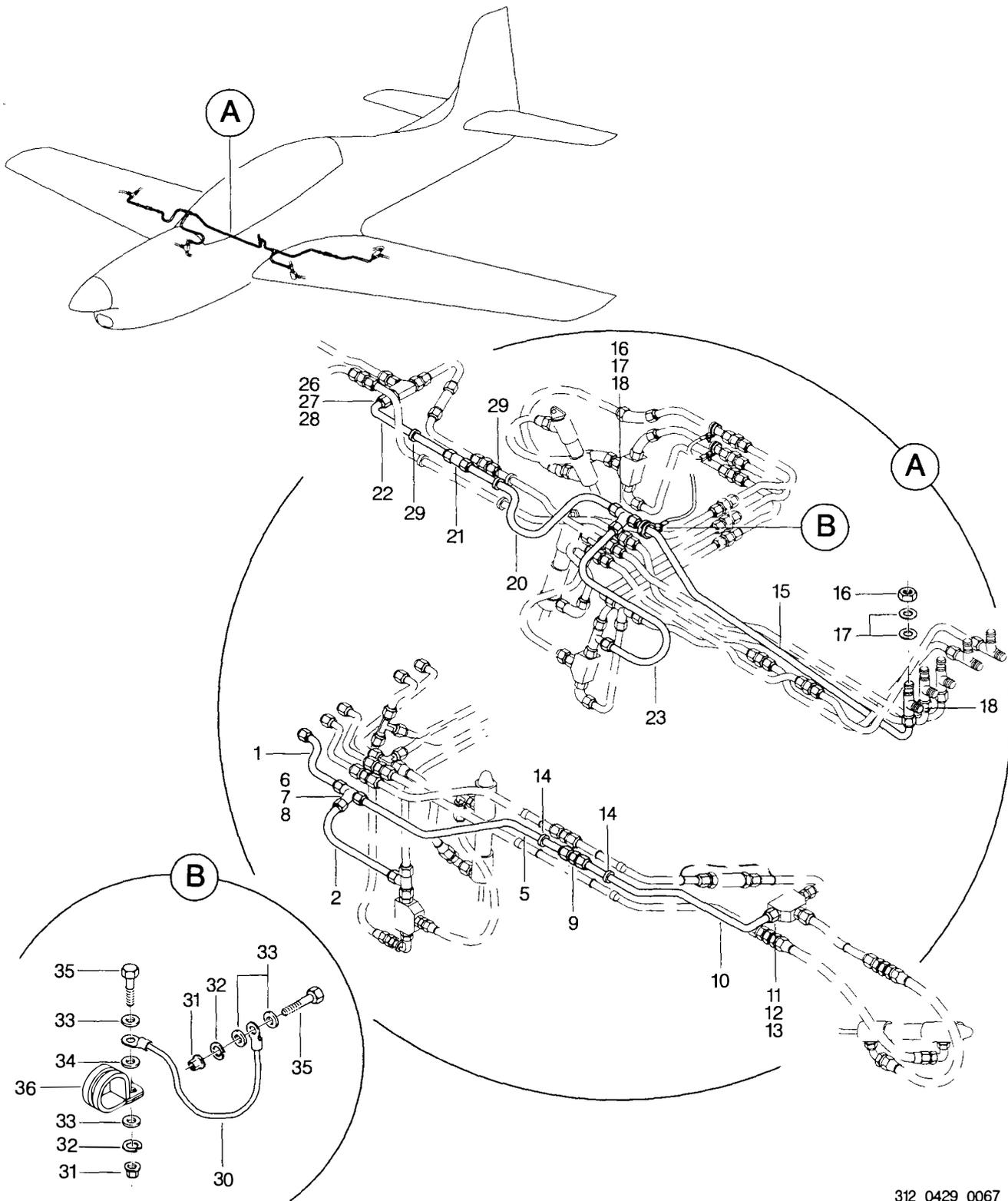
312 0429 0094

FIGURA 06. SISTEMA HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAVERNAS 8 E 14  
FIGURE 06. AUX HYDR PWR SYS INSTL, FUSLG, BETWEEN FRAMES 8 & 14

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
06		SISTEMA HIDRAULICO AUXILIAR INSTL, FUSL, ENTRE CAVERNAS 8 E 14..... AUX HYDR PWR SYS INSTL, FUSLG, BETWEEN FRAMES 8 & 14.....		REF	A	
1	312-08047-001	.TUBO CONJ.....	S4956	1		
2	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	1		
3	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
4	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
5	A9806-901	.HOSE ASSY EMERGENCY LANDING GEAR EX..... HOSE ASSY EMERGENCY LANDING GEAR EX.....	11362	1		
6	312-08787-001	.TUBO CONJ.....	S4956	1		
7	312-08788-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
8	MS21916D6-4	.CONEXAO REDUTORA..... REDUCER,FLARELESS TUBE,ALUMINUM.....	96906	2		
9	MS28778-6	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
10	312-09533-001	.TUBO CONJ.....	S4956	1		
11	MS21902D4	.UNIAO..... UNION.....	96906	1		
12	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
13	249A4TB	.VALVULA..... VALVE, CHECK.....	91816	1		
14	MS21905D4	.CONEXAO EM TE.....	96906	1		
15	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	1		
16	MS35489-14	.ILHOS..... GROMMET,RUBBER.....	96906	1		
17		. SISTEMA HIDRAULICO INSTL, RETORNO, ASA (VEJA FIG 29-20-00-11)..... HYDRAULIC SYSTEM INSTL, RETURN, WING (SEE FIG 29-20-00-11).....		REF		
EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312037, 312065, 312071 A 312074, 312076, 31 2080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395, 312398 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 3120 33, 312035, 312037, 312065, 312071 THRU 312074, 3120 76, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395, 3 12398 (POST MOD SB 312- 00-0003)						



312 0429 0067

FIGURA 10. SISTEMA HIDRAULICO AUXILIAR INSTL, ASA  
FIGURE 10. EMERGENCY HYDR POWER SUPPLY SYSTEM INSTL, WING

29-20-00

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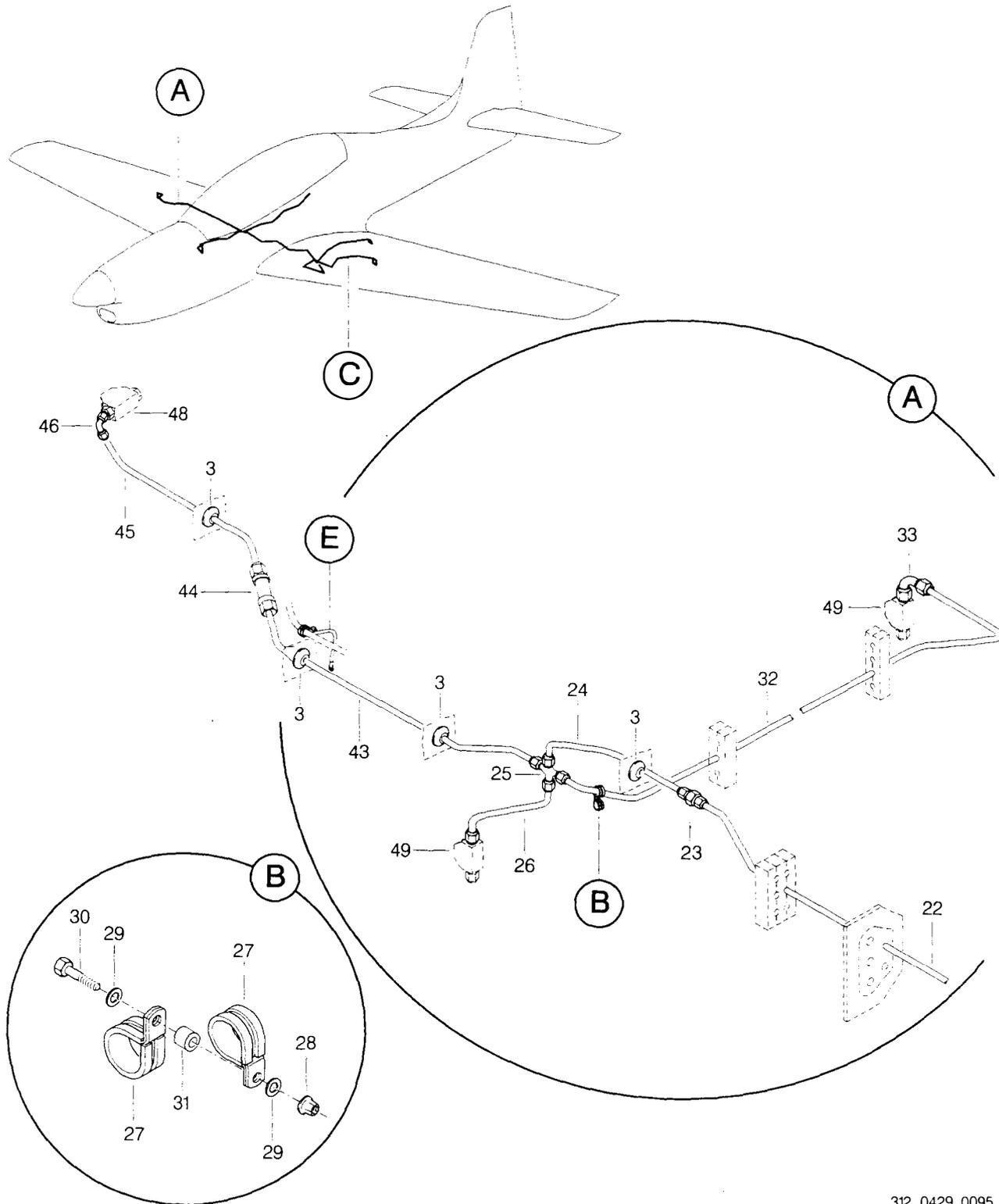
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10		SISTEMA HIDRAULICO AUXILIAR INSTL, ASA..... EMERGENCY HYDR POWER SUPPLY SYSTEM INSTL, WING		REF	A	
1	312-02949-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	312-09682-001	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
5	312-02943-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
6	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	1		
7	AN960D716	.ARRUELA..... WASHER.....	88044	2		
8	MS21912D4	.CONEXAO EM TE..... TEE.....	96906	1		
9	1143A0900	.VALVULA..... VALVE, RESTRICTOR.....	70236	1		
10	312-08837-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
11	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	1		
12	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
13	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
14	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	2		
15	312-02958-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
16	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
17	AN960D716	.ARRUELA..... WASHER.....	88044	4		
18	MS21912D4	.CONEXAO EM TE..... TEE.....	96906	2		
	312-02974-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
20	312-02964-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
21	1143A0900	.VALVULA..... VALVE, RESTRICTOR.....	70236	1		
22	312-08838-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
23	312-09683-001	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
26	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	1		
27	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	1		
28	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
29	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	2		
30	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB5)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5 ).....	S4956	1		
	PE88001-5BB5	.METALIZACAO (B.I. 312-00-0003)..... BONDING (I.B. 312-00-0003).....	S4956	1		
31	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
10						
32	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	2		
33	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	4		
34	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
35	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
36	PE27010A4	.BRACADEIRA..... CLAMP.....	S4956	1		
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PREMOD SB 312-00-0003				

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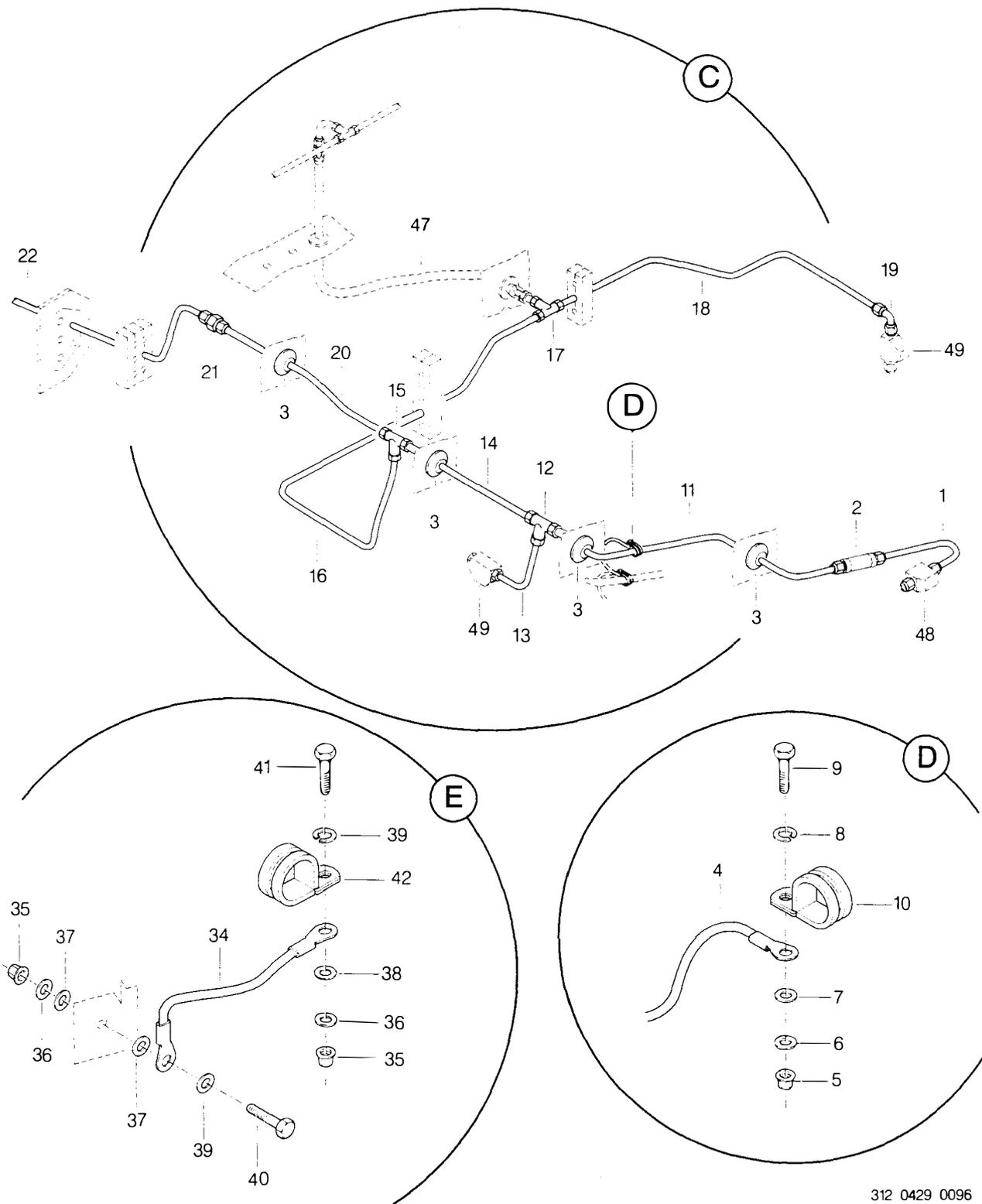


312 0429 0095

FIGURA 11. SISTEMA HIDRAULICO INSTL, RETORNO, ASA (FOLHA 1 DE 2)  
FIGURE 11. HYDRAULIC SYSTEM INSTL, RETURN, WING (SHEET 1 OF 2)

**29-20-00**

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312 0429 0096

FIGURA 11. SISTEMA HIDRAULICO INSTL, RETORNO, ASA (FOLHA 2 DE 2)  
 FIGURE 11. HYDRAULIC SYSTEM INSTL, RETURN, WING (SHEET 2 OF 2)

**29-20-00**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11		SISTEMA HIDRAULICO INSTL, RETORNO, ASA..... HYDRAULIC SYSTEM INSTL, RETURN, WING.....		REF	A	
1	312-16741-013	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
2	1143A0900	.VALVULA..... VALVE, RESTRICTOR.....	70236	1		
3	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	8		
4	PE88001-5BB4	.PONTE LIGACAO,CONJ..... JUMPER ASSY.....	S4956	1		
5	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
6	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
7	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		1		
8	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
9	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
10	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	1		
11	312-16741-011	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
12	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
13	312-16741-009	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
14	312-16741-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
15	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
16	312-16741-005	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
17	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
18	312-16741-003	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
19	33612-4D	.CONEXAO..... ELBOW,90 DEGREES,FLARED,SWIVEL NUT.....	53730	1		
20	312-16741-015	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
21	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
22	312-16741-017	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
23	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
24	312-16741-019	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
25	33827-4D	.CONEXAO EM CRUZ-COM FLANGE..... CROSS.....	53730	1		
26	312-16741-021	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
27	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	2		
28	H14-3	.PORCA (PF)..... NUT (AP).....	15653	1		
29	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		

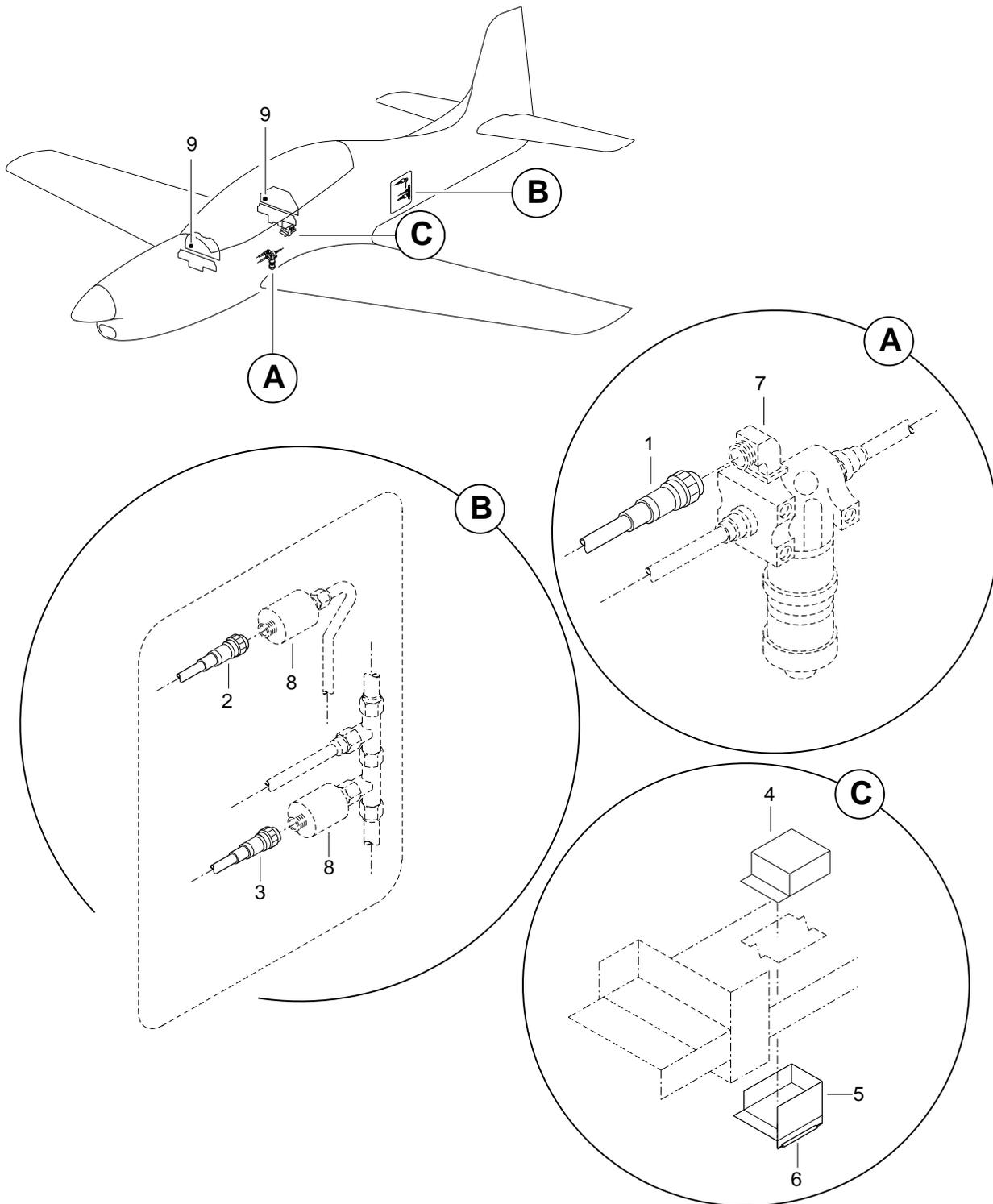
29-20-00

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11						
30	AN3-6A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
31	NAS43DD3-18	ESPACADOR-LUVA PARA PARAFUSO E PINO.....	80205	1		
		SPACER.....				
32	312-16741-023	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
33	33612-4D	.CONEXAO.....	53730	1		
		ELBOW, 90 DEGREES, FLARED, SWIVEL NUT.....				
34	PE88001-4BB6	.PONTE LIGACAO, CONJ-CORRENTE ELETRIC.....	S4956	1		
		JUMPER ASSY.....				
35	MS21042L3	.PORCA (PF).....	96906	2		
		NUT (AP).....				
36	MS35338-43	.ARRUELA (PF).....		2		
		WASHER (AP).....				
37	NAS1197-10L	.ARRUELA (PF).....	80205	2		
		WASHER (AP).....				
38	AN960C10L	.ARRUELA (PF).....		1		
		WASHER (AP).....				
39	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER, FLAT (AP).....				
40	AN3-4A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
41	AN3C4A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
42	PE27010C4	.BRACADEIRA.....	S4956	1		
		CLAMP.....				
43	312-16741-025	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
44	1143A0900	.VALVULA.....	70236	1		
		VALVE, RESTRICTOR.....				
45	312-16741-027	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HIDRAULIC SYSTEM.....				
46	33612-4D	.CONEXAO.....	53730	1		
		ELBOW, 90 DEGREES, FLARED, SWIVEL NUT.....				
47		. SISTEMA HIDRAULICO AUXILIAR INSTL, FUSL, ENT RE CAV 8 E 14 (VEJA FIG 29-20-00-06).....		REF		
		AUX HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FR AMES 8 & 14 (SEE FIG 29-20-00-06).....				
48		. SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA (VEJ A CAP 32).....		REF		
		(HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING (SEE CHAPTER 32).....				
49		. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTA S, ASA (VEJA CAP 32).....		REF		
		HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SEE CHAPTER 32).....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312037, 312065, 312071 A 312074, 312076, 31 2080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 3 12076, 312080, 312086, 312093, 312097, 312100, 312145 , 312176, 312184, 312189, 312195, 312393 THRU 312395				

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
11		& 312398 (POST MOD SB 312-00-0003)				

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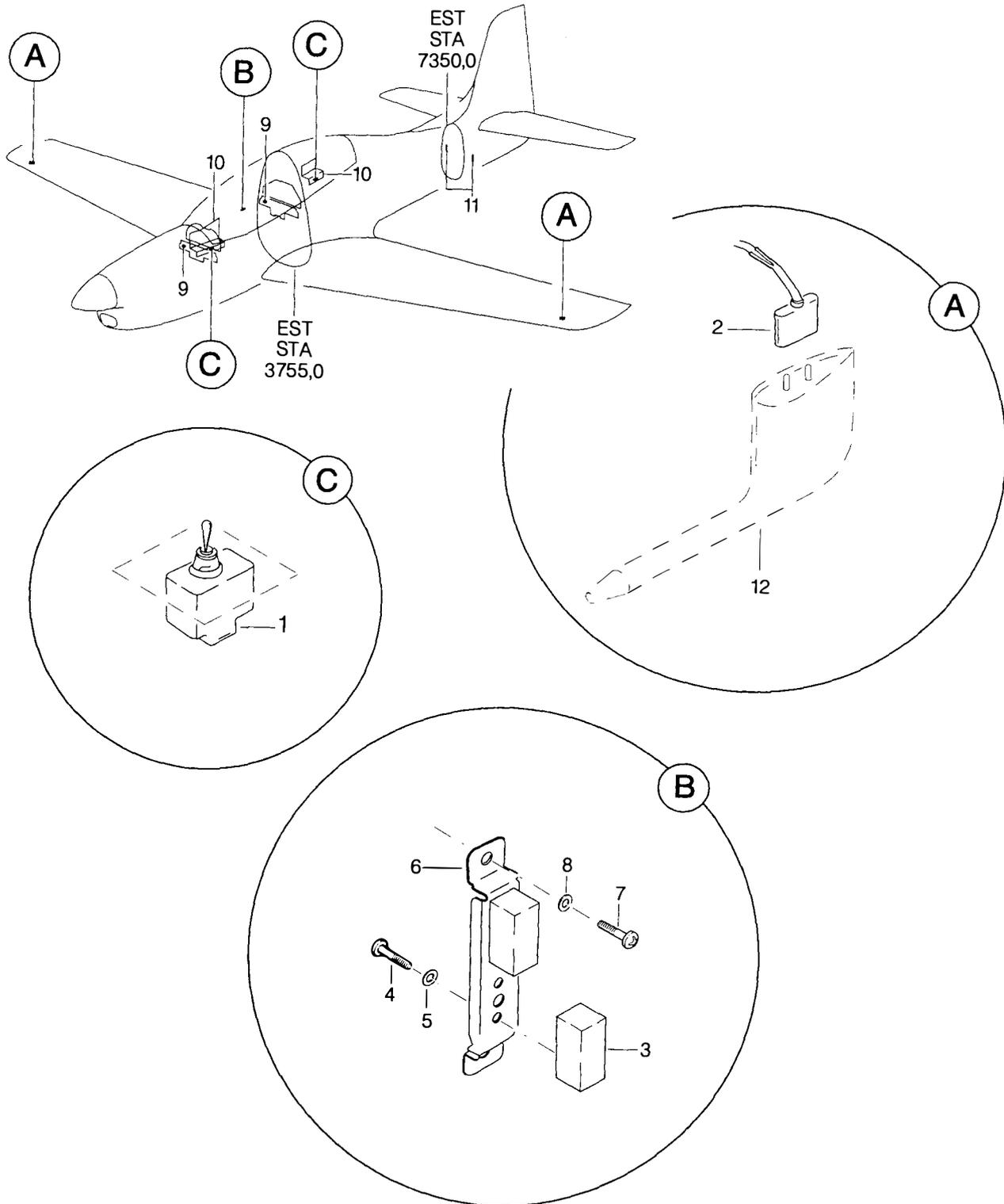
FIGURA 01. ALARME DE PRESSAO HIDRAULICA INSTL  
FIGURE 01. HYDRAULIC PRESSURE WARNING LIGHT INSTL

29-30-00

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REVISÃO 9  
CHANGE 9

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ALARME DE PRESSAO HIDRAULICA INSTL ..... HYDRAULIC PRESSURE WARNING LIGHT INSTL.....		REF		
1	MS3106F10SL-3S	.CONECTOR (P7) ..... CONNECTOR (P7) .....	96906	1		
2	MS3106F10SL-3S	.CONECTOR (P111) ..... CONNECTOR (P111) .....	96906	1		
3	MS3106F10SL-3S	.CONECTOR (P6) ..... CONNECTOR (P6) .....	96906	1		
4	M83723/30-1002P	.RELE, 10A, DPDT, 28VDC (K108) ..... RELAY 10A, DPDT, 28 VDC (K108).....	81349	1	A	
5	451116-131	.SOQUETE PARA RELE 4PDT, 10A (XK108) ..... SOCKET,RELAY 4PDT,10A (XK108).....	58982	1	A	
6	PE95139-4993F-02	.RESISTOR DE FILME (R78) ..... RESISTOR, FILM (R78) .....	001JK	1	A	
7		.SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 3 E 8 (VEJA FIG 29-10-00-01) (P111) ..... MAIN HYDR PWR SYS, FUSLG, FR ..... AMES 3 & 8 (SEE FIG 29- 10-00-01) (P111)		REF		
8		.SIST HIDRAULICO PRINCIPAL INSTL, FUSL, CAV 14 E 15 (VEJA FIG 29-10-00-03) ..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 14 & 15 (SEE FIG 29-10-00-03) .....		REF		
9		.ALARME GERAL INSTL (VEJA CAP 31 ) (P6) ..... MASTER CAUTION INSTL (SEE CHAPTER 31) (P6) .....		REF		
		EFETIVIDADES USAGE CODE LIST				
		A AVIOES 312005 A 312052,312054 A 312148,312150 A 312160,312162 A 312335, 312338 E 312339 (POS MOD BS 312- 029-0006 REV.1), 312336,312337, 312340 E SEGUINTE				
		A AIRCRAFT 312005 THRU 312052,312054 THRU 312148,312150 THRU 312160,312162 THRU 312335, 312338 AND 312339 (POST MOD SB 312-029-0006 REV.1), 312336,312337,312340 AND ON				



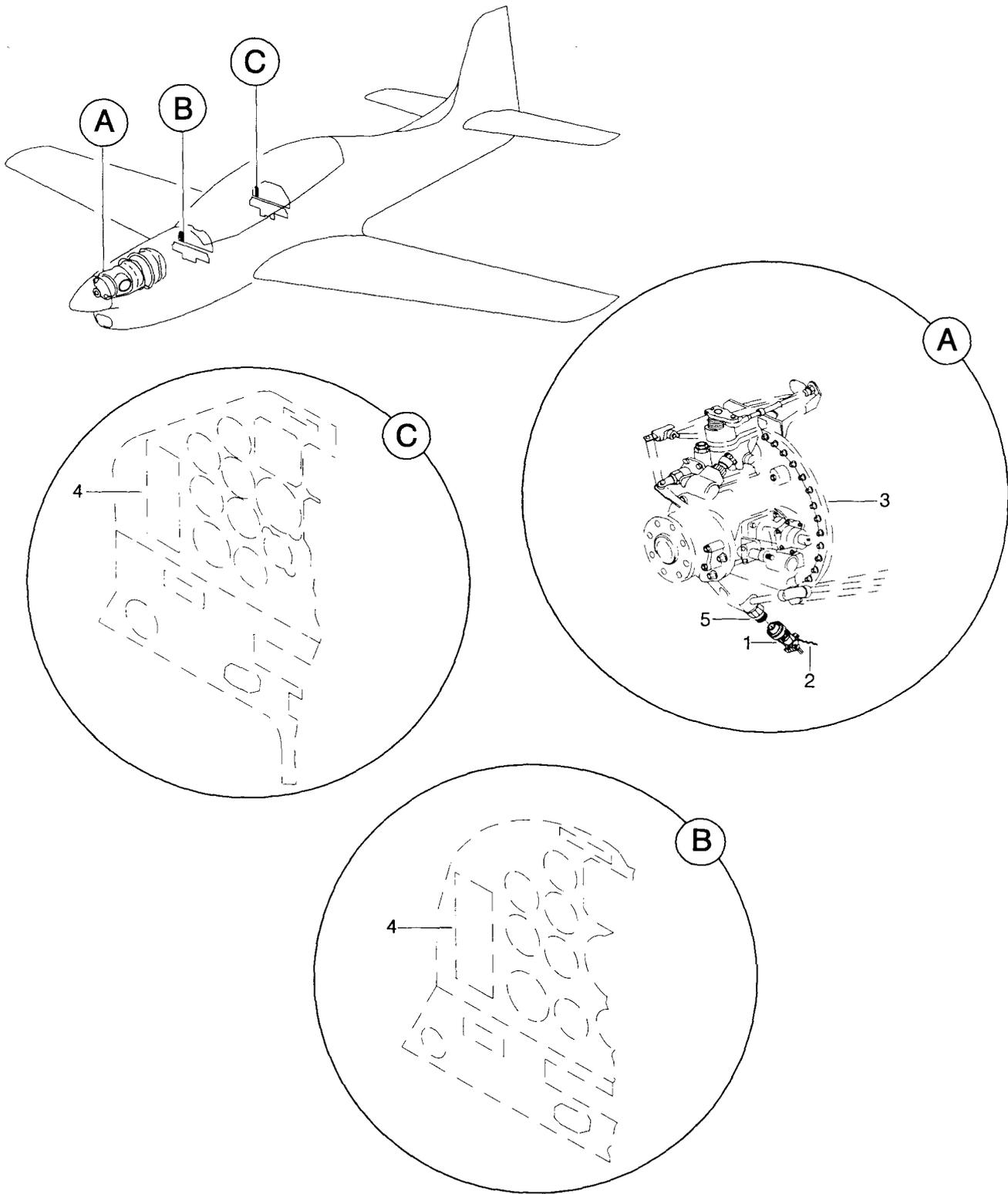
312 0430 0009

FIGURA 01. AQUECIMENTO DO PITOT ESTATICO INSTL  
FIGURE 01. PITOT TUBES/STATIC HEADS HEATING INSTL

30-30-01

4-182

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		AQUECIMENTO DO PITOT ESTATICO INSTL..... PITOT TUBES/STATIC HEADS HEATING INSTL.....		REF		
1	MS24523-22	.INTERRUPTOR (S60, S61)..... SWITCH, TOGGLE (S60, S61).....	96906	2		
2	AN3115-1	.CONECTOR (P31, P32)..... PLUG, ELECTRICAL CONNECTOR (P31, P32).....	88044	2		
3	2SC1-1-7.5A	.SENSOR (PRE MOD BS 312-30-0001) (A7, A8)..... SENSOR,CORRENT (PRE MOD SB 312-30-0001) (A7, A8).....	14859	2		
	GEB 2401/7.5A	.SENSOR (POS MOD BS 312-30-0001)..... CURRENT SENSOR (POST MOD SB 312-30-0001).....	S4956	2		
4	MS35206-226	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	2		
5	AN960-4L	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
6	312-04578-001	.SUPORTE..... SUPPORT.....	S4956	1		
7	MS27039-1-06	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
8	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
9		.ALARME GERAL INSTL (VEJA CAP 31)..... MASTER CAUTION INSTL (SEE CHAPTER 31).....		REF		
10		.PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
11		.SIST PITOT ESTATICO INSTL, FUSELAGEM (VEJA C AP 34)..... PITOT-STATIC SYSTEM INSTL, FUSELAGE (SEE CHAPT ER 34).....		REF		
12		.SIST PITOT ESTATICO INSTL, ASA (VEJA CAP 34)..... PITOT-STATIC SYSTEM INSTL, WING (SEE CHAPTER 3 4).....		REF		



312 0431 0031

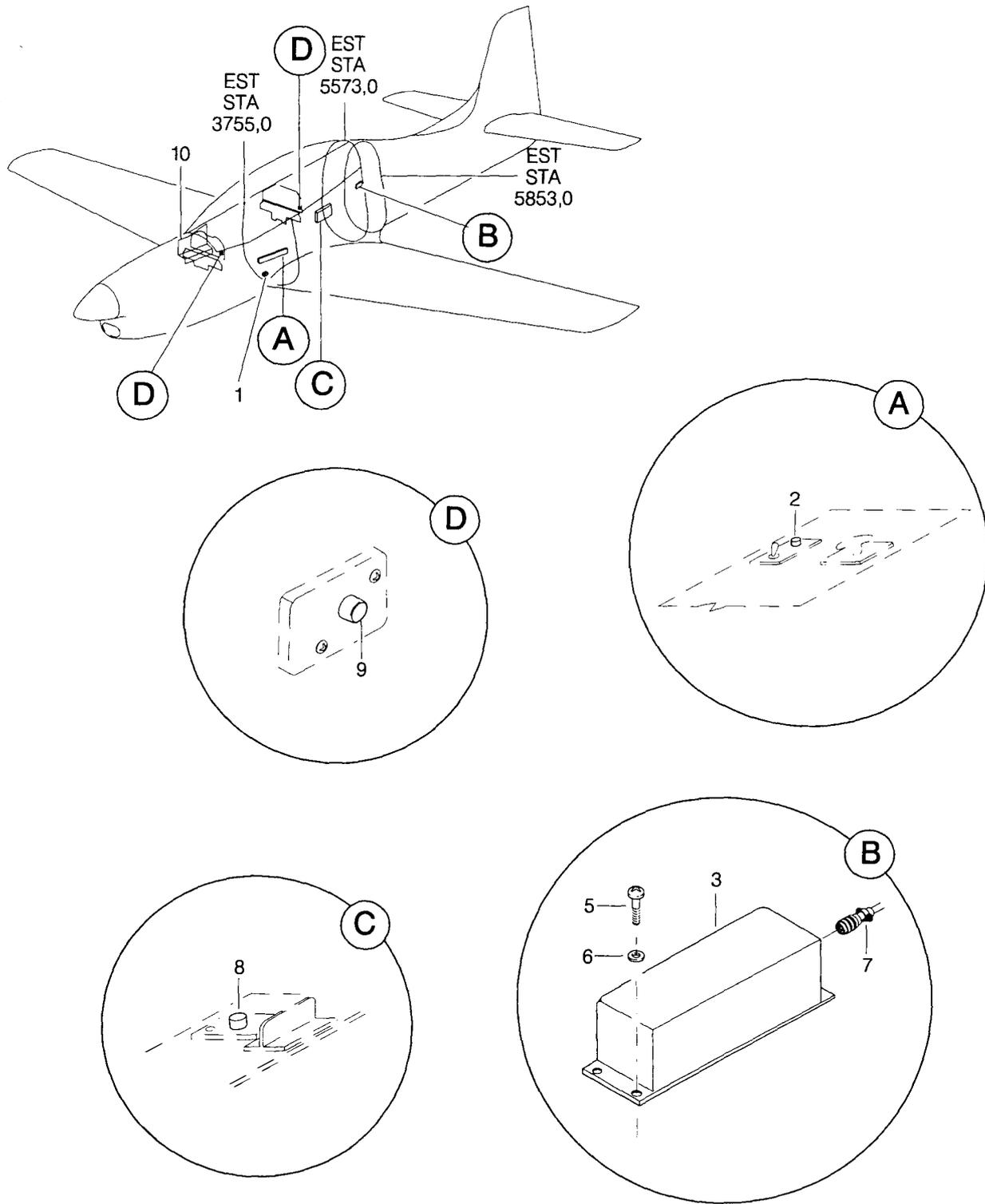
FIGURA 01. DETECTOR DE LIMALHA INSTL  
FIGURE 01. CHIP DETECTOR INSTL

31-50-00

4-184

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		DETECTOR DE LIMALHA INSTL..... CHIP DETECTOR INSTL.....		REF		
1	MS3106F12S-3S	.CONECTOR (P0035)..... CONNECTOR (P0035).....	96906	1		
2	MS20995C20	.ARAME DE FRENO..... LOCKWIRE.....	96906	AR		
3		. MOTOR EQUIPADO INSTL (VEJA CAP 71)..... EQUIPPED ENGINE INSTL (SEE CHAPTER 71).....		REF		
4		. ALARME GERAL INSTL (VEJA FIG 31-50-02-01)..... MASTER CAUTION INSTL (SEE FIG 31-50-02-01).....		REF		
5		. DETETOR DE LIMALHA (F/C MOTOR) (PARA DETALHE S VEJA MAINTENANCE PARTS CATALOG PT6A-25C)..... DETECTOR CHIP (S/W ENGINE) (FOR DETAILS SEE MA INTENANCE PARTS CATALOG PT6A-25C).....		REF		

31-50-00



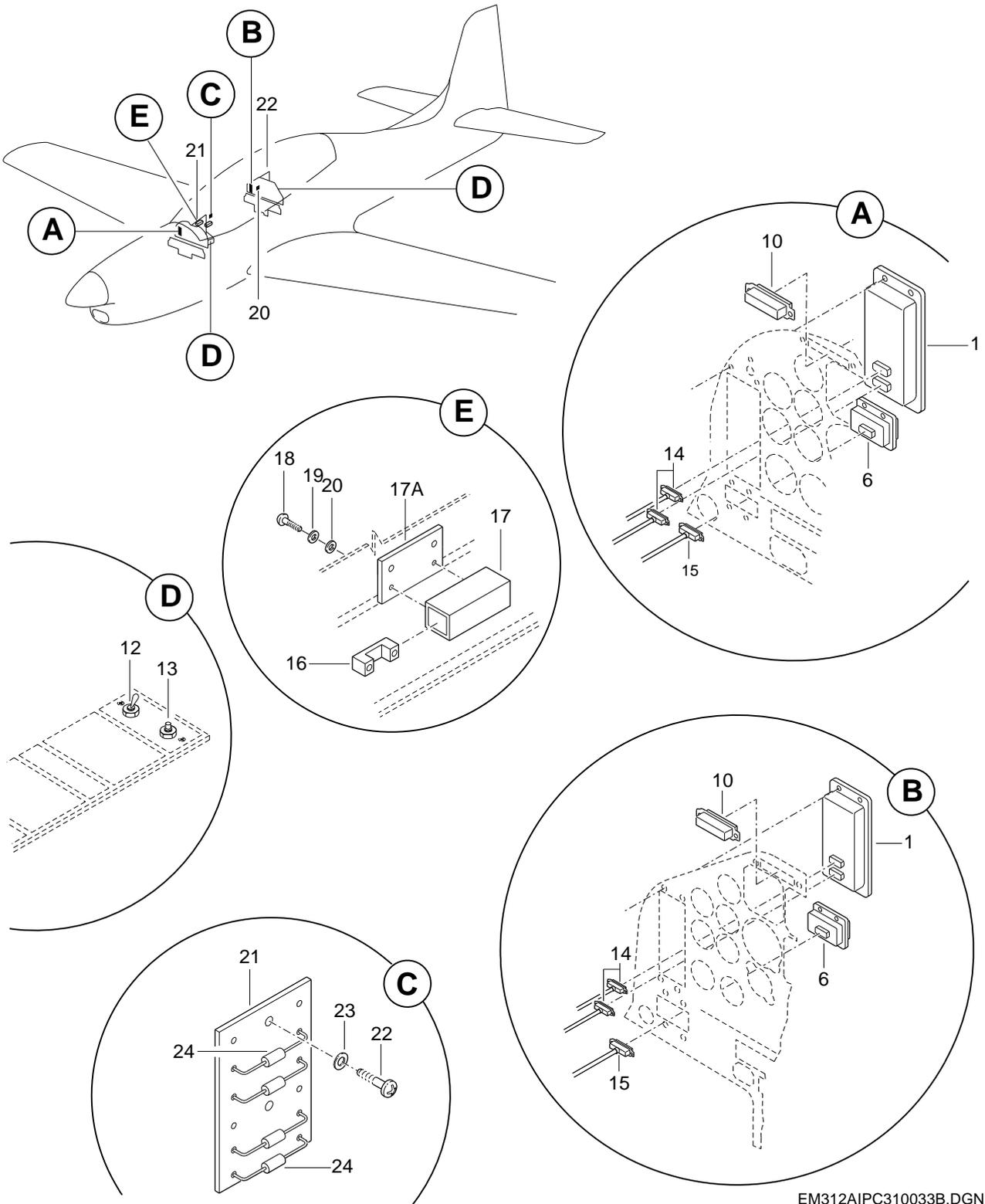
312 0431 0032

FIGURA 01. ALARME SONORO INSTL  
FIGURE 01. AUDIO WARNING SYSTEM INSTL

31-50-01

4-186

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ALARME SONORO INSTL..... AUDIO WARNING SYSTEM INSTL.....		REF		
1		. SENSOR FATOR CARGA CONJ (PARA DETALHES VEJA PUBLICACAO O.T. 5A22-3-01-3)..... SENSOR ASSY LOARD FACTOR (FOR DETAILS SEE PUBL ICATION T.O. 5A22-3-01-3).....		REF	A	
2	C1146	.INTERRUPTOR (S0091)..... SWITCH, PUSHBUTTON (S0091).....	15605	1		
3	AE10011-001B	.UNIDADE DE ALARME SONORO (A0175)..... UNIT, AUDIO WARNING (A0175).....	S4956	1	006206	
	AE10011-001C	.UNIDADE DE ALARME SONORO (A0660)..... UNIT, AUDIO WARNING (A0660).....	S4956	1	207999	
5	MS27039-1-12	.PARAFUSO (PF)..... SCREW (AP).....	96906	4	006364	
	AN3-6A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4	365999	
6	AN960D10	.ARRUELA (PF)..... WASHER (AP).....		4		
7	MS3126F18-32S	.CONECTOR (P0173)..... CONNECTOR (P0173).....	96906	1		
8	C1146	.INTERRUPTOR (S0090)..... SWITCH, PUSHBUTTON (S0090).....	15605	1		
9	C1146	.INTERRUPTOR (S0101, S0102)..... SWITCH, PUSHBUTTON (S0101, S0102).....	15605	2		
10		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312008, 312010, 312016 A 312030, 3120 32, 312034 A 312099 P/ MODELOS EMB312A(A) E EMB312A(H ) A AIRCRAFT 312006 A 312008, 312010, 312016 A 312030, 31 2032, 312034 A 312099 FOR MODELS EMB312A(A) & EMB312A (H)						



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FIGURA 01. ALARME GERAL INST  
FIGURE 01. MASTER CAUTION INST

31-50-02

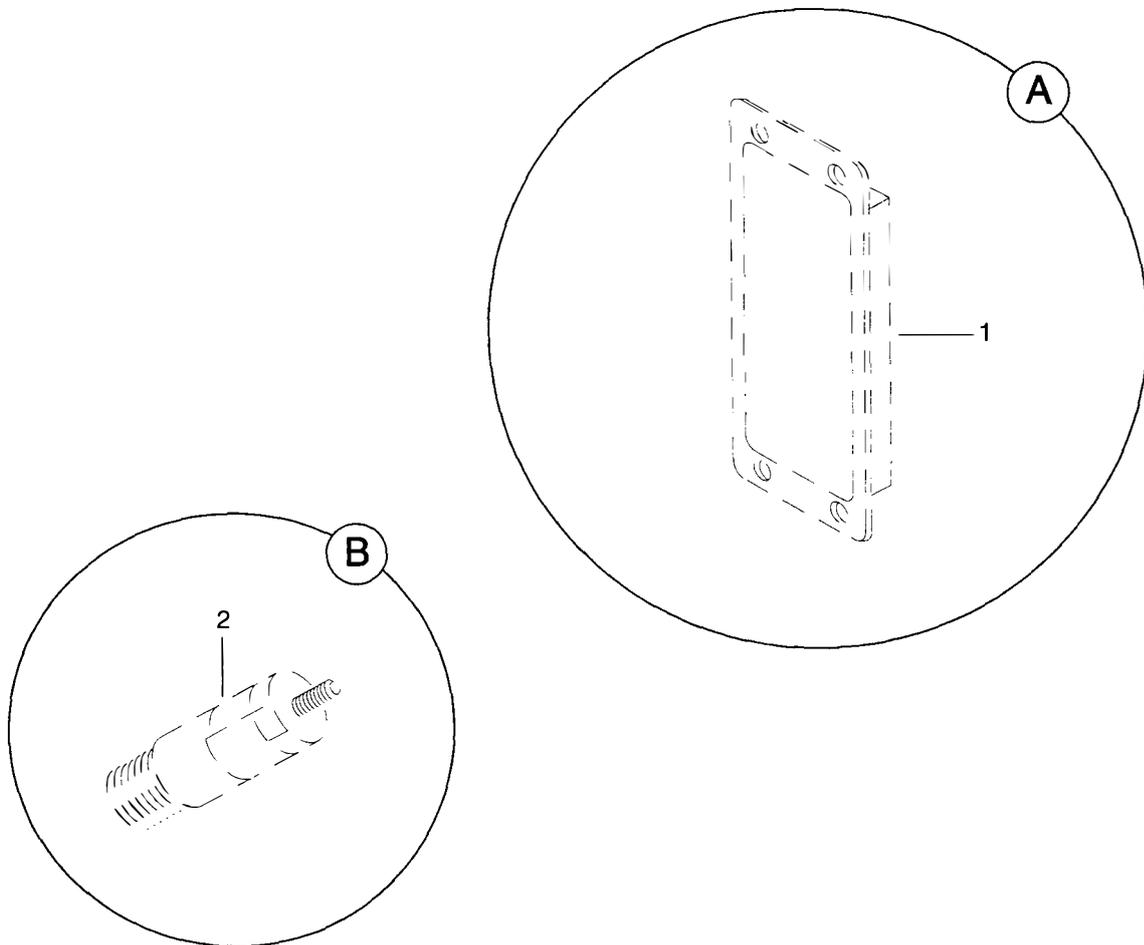
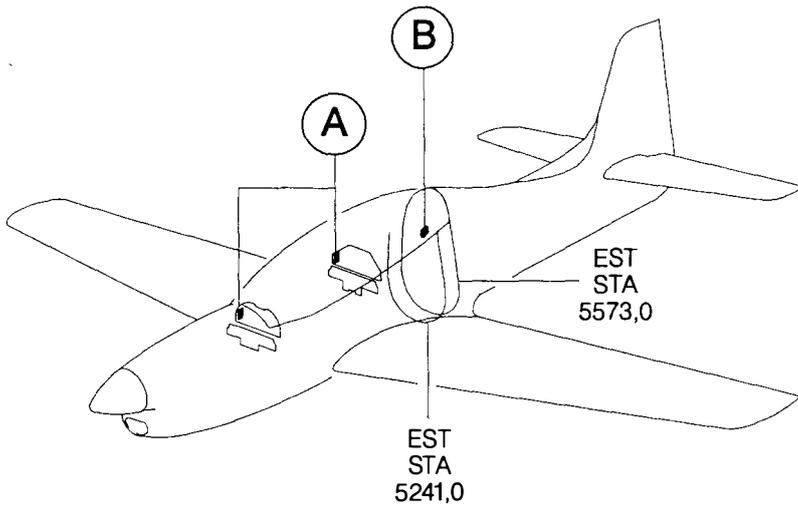
4-188

REVISÃO 9  
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ALARME GERAL INSTL..... MASTER CAUTION INSTL.....		REF		
1	80-0511-11	.PAINEL MULTIPLO DE ALARMES (A0157,A0158)..... MULTIPLE ALARM PANEL (A0157, A0158).....	72914	2	A	
	80-0511-15	.PAINEL (A0719, A0720)..... PANEL ASSY, WARNING/CAUTION (A0719, A0720).....	72914	2	B	
	80-0511-13	.PAINEL MULTIPLO DE ALARMES (ALTERNATIVA USE P/N 312-09714-001) (A0194,A0195)..... MULTIPLE ALARM PANEL (ALTERNATIVE USE P/N 312- 09714-001) (A0194,A0195).....	72914	2	C	
	312-09714-001	.PAINEL MULTIPLO DE ALARMES (A/D PN 80-0511-11) (QUANDO ESGOTAR USE PN 80-0511-13) (A0194, A0195) .. MULTIPLE ALARM PANEL (A/F PN 80-0511-11) (WHEN EXHAUSTED USE PN 80-0511-13) (A0194, A0195).....	001JK	2	C	
	80-0511-17	.PAINEL (A0194, A0195)..... PANEL ASSY, WARNING/CAUTION (A0194, A0195).....	72914	2	C	
	MS35206-232	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
	MS35206-231	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
	MS33737-12	.PORCA (PF)..... NUT (AP).....	96906	4		
	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	4		
6	75-0379-5	.PAINEL DE AVISOS (A0003, A0004)..... PANEL ADVISORY (A0003, A0004).....	72914	2	D	
	75-0379-9	.PAINEL (A0003, A0004)..... PANEL ADVICES (A0003, A0004)	72914	2	E	
	312-09718-001	.PAINEL DE AVISOS (A/D PN 75-0379-5) (QUANDO ESGOTAR USE PN 75-0379-7) (A0192, A0193)..... PANEL ADVISORY (A/F PN 75-0379-5) (WHEN EXHAUSTED USE PN 75-0379-7) (A0192, A0193).....	001JK	2	C	
	75-0379-7	.PAINEL (A0192, A0193)..... PANEL ADVISORY (A0192, A0193).....	72914	2	C	
	MS35206-231	.PARAFUSO (PF)..... SCREW (AP).....	96906	8		
	MS33737-10	.PORCA (PF)..... NUT (AP).....	96906	8		
10	65-1028-7	.INDICADOR ALARME GERAL (DS38, DS39)..... MASTER WARNING INDICATOR (DS38, DS39).....	72914	2	A	
	312-09795-001	.INDICADOR ALARME GERAL (A/D PN 65-1028-9) (QUANDO ESGOTAR USE PN 65-1028-11) (DS098, DS099)..... MASTER WARNING INDICATOR (A/F PN 65-1028-9) (WHEN EXHAUSTED USE PN 65-1028-11) (DS098, DS099).....	001JK	2	B	
	65-1028-11	.INDICADOR ALARME GERAL (DS098, DS099)..... MASTER WARNING INDICATOR (DS098, DS099).....	72914	2	B	
	MS24693-C25	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
12	MS24524-26	.INTERRUPTOR (S0097, S0098)..... SWITCH, TOGGLE (S0097, S0098).....	96906	2		
13	MS27407-6	.INTERRUPTOR (S0095, S0096)..... SWITCH, TOGGLE (S0095, S0096).....	96906	2		
14	MRAC26S-JTCU-H8	.CONECTOR (P0001, P0002, P0009, P0010)..... CONNECTOR (P0001, P0002, P0009, P0010).....	81312	4		
15	MRAC14S-JTCU-H13	.CONECTOR (P0011, P0012)..... CONNECTOR (P0011, P0012).....	81312	2		
16	2SC1-1-4A	.SENSOR (A672)..... SENSOR, CURRENT (A672).....	14859	1	E	
	GEB 2401/4A	.SENSOR CORRENTE-TENSAO DC,SIST ELETRICO (POS MOD BS 312-74-0001 CURRENT SENSOR (POST MOD BS 312-74-0001)	GESPI	1		
17	312-14074-001	.TAMPA SENSOR CORRENTE..... COVER.....	001JK	1	E	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
17A	312-16185-001	.CALCO ISOLADOR-SENSOR CORRENTE..... SHIM,INSULATOR-CURRENT SENSOR .....	001JK	1	G	
	MS24693-C273	.PARAFUSO (PF) ..... SCREW (AP) .....	96906	2	G	
	NAS1149F0363P	.ARRUELA PLANA-ACO (PF)..... WASHER,FLAT-STEEL (AP).....	80205	2	G	
	MS21042L3	.PORCA-HEXAGONAL,AUTO FRENANTE,ACO (PF)..... NUT-HEXAGON,SELF LOCKING,STEEL (AP).....		2	G	
18	MS35206-227	.PARAFUSO CABECA ABAULADA CILINDRICA (PF) .....	96906	2	E	
		SCREW, PAN HEAD, CROSS REG, STEEL (AP).....				
19	MS35338-41	.ARRUELA (PF) .....	96906	2	E	
		WASHER (AP).....				
20	NAS1149DN616H	.ARRUELA PLANA,AL (PF) .....	80205	2	E	
		WASHER,FLAT,AL (AP) .....				
21	PE95093-1	.PORTA-RESISTOR (INTERC SENTIDO UNICO COM P/N PE95424-1) (TB0019) .....	001JK	1		
		HOLDER, RESISTOR (ONE-WAY INTERCH WITH P/N PE95424-1) (TB0019) .....				
	PE95424-1	.PORTA RESIS (TB0019) .....	001JK	1		
		HOLDER, RESISTOR (TB0019) .....				
22	MS35206-231	.PARAFUSO (PF) .....	96906	2		
		SCREW (AP) .....				
23	AN960-6	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER,FLAT (AP) .....				
24	1N4007	.DIODO (CR00, CR0029, CR0030, CR0031) .....		4		
		DIODE (CR00, CR0029, CR0030, CR0031) .....				
25		.CAIXA DE RELES AUXILIARES INSTL (VEJA CAP 39) .....		REF		
		AUXILIARY RELAY BOX INSTL (SEE CHAPTER 39) .....				
26		.PAINEL LATERAL DIREITO INSTL, POSTO DIANTEIRO (VEJA CAP 39) .....		REF		
		RH LATERAL PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39) .....				
27		.PAINEL LATERAL DIREITO INSTL, POSTO TRASEIRO (VEJA CAP 39) .....		REF		
		RH LATERAL PANEL INSTL, REAR FLIGHT STATION (SEE CHAPTER 39) .....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312400 (PRE MOD BS 312-095-0002),PI MODELOS 312A(A) A AIRCRAFT 312006 THRU 312400 (PRE MOD SB 312-095-0002) , FOR MODELS 312A(A) B AVIOES 312401 E SEGUINTES (POS MOD BS 312-095-0002),PI MODELOS 312A(A) B AIRCRAFT 31240 1 AND ON (POST MOD SB 312-095- 0002),FOR MODELS 312A(A) C EM8312A(H) C EMB312A(H) D AVIOES 312006 A 312195 (PRE MOD BS 312-074-000 1) , PI MODELOS 312A(H) E 312A(R) D AIRCRAFT 312006 THRU 312195 (PRE MOD SB 312-074-0001) , FOR MODELS 312A(H) & 312A(R) E AVIOES 312006 A 312195 (POS MOD BS 312-074-0001) , 312196 E SEGUINTES, PI/MODELOS 312A(A) E 312A(R) E AIRCRAFT 312006 THRU 312195 (POST MOD SB 312-074- 0001), 312196 AND ON, FOR MODELS 312A(H) & 312A(R) F AVIOES 312381 , 312383, 312387, 312392, 312396 E SEGUINTES F AIRCRAFT 312381, 312383, 312387, 312392, 312396 AND ON G AVIOES 312006 A 312195 (POS MOD BS 312-024-0013) , 391 E SEGUINTES G AIRCRAFT 312006 THRU 312195 (POST MOD SB 312-024- 0013) , 391 AND ON				





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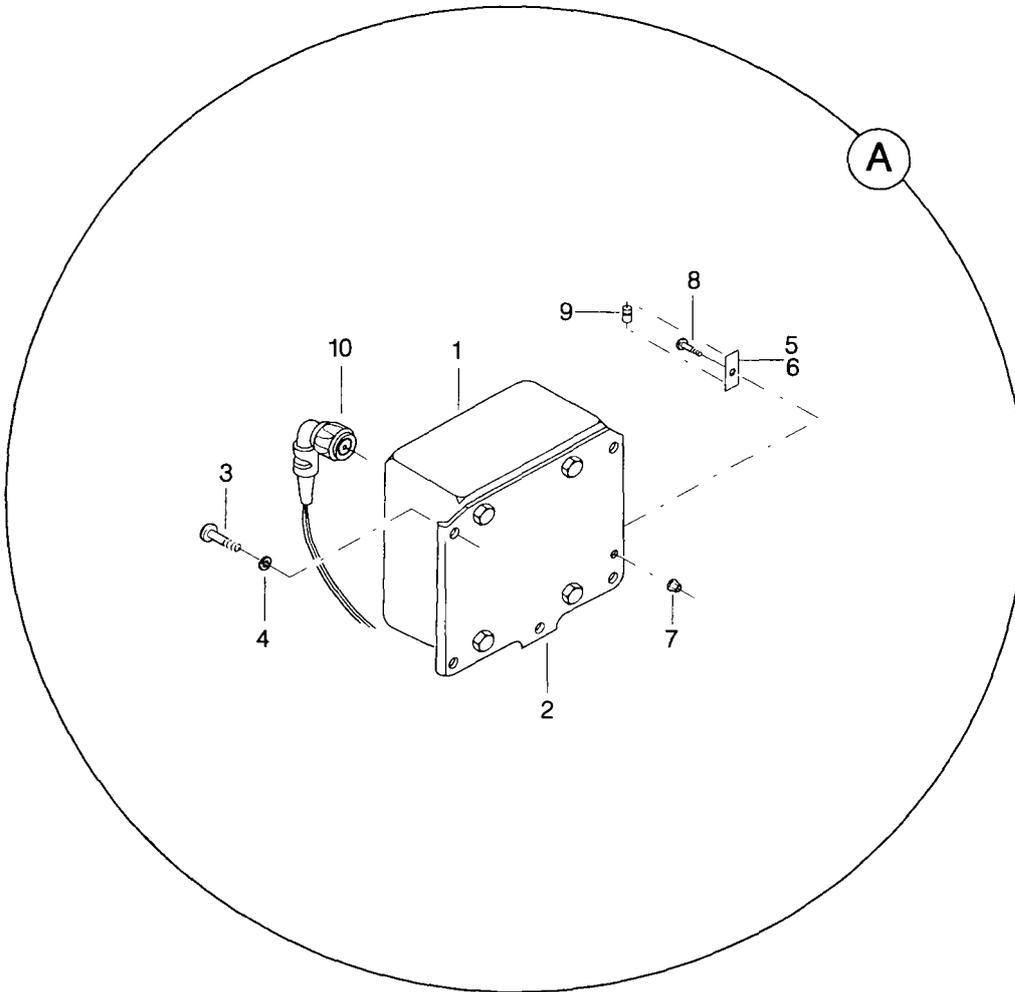
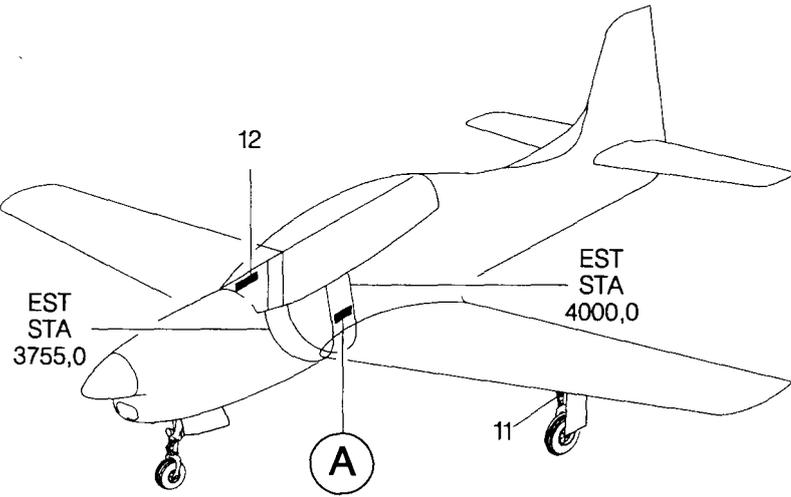
FIGURA 01. ALARME DE BAIXA PRESSAO DE OXIGENIO INSTL  
FIGURE 01. OXYGEN LOW PRESSURE ALARM INSTL

**31-50-03**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ALARME DE BAIXA PRESSAO DE OXIGENIO INSTL..... OXYGEN LOW PRESSURE ALARM INSTL.....		REF		
1		. ALARME GERAL INSTL (VEJA FIG 31-50-02-01)..... MASTER CAUTION INSTL (SEE FIG 31-50-02-01).....		REF		
2		. SISTEMA DE OXIGENIO INSTL (VEJA CAP 35)..... OXYGEN SYSTEM INSTL (SEE CHAPTER 35).....		REF		

**31-50-03**



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FIGURA 01. MEDIDOR DE FADIGA INSTL  
FIGURE 01. FATIGUE METER INSTL

**31-50-04**

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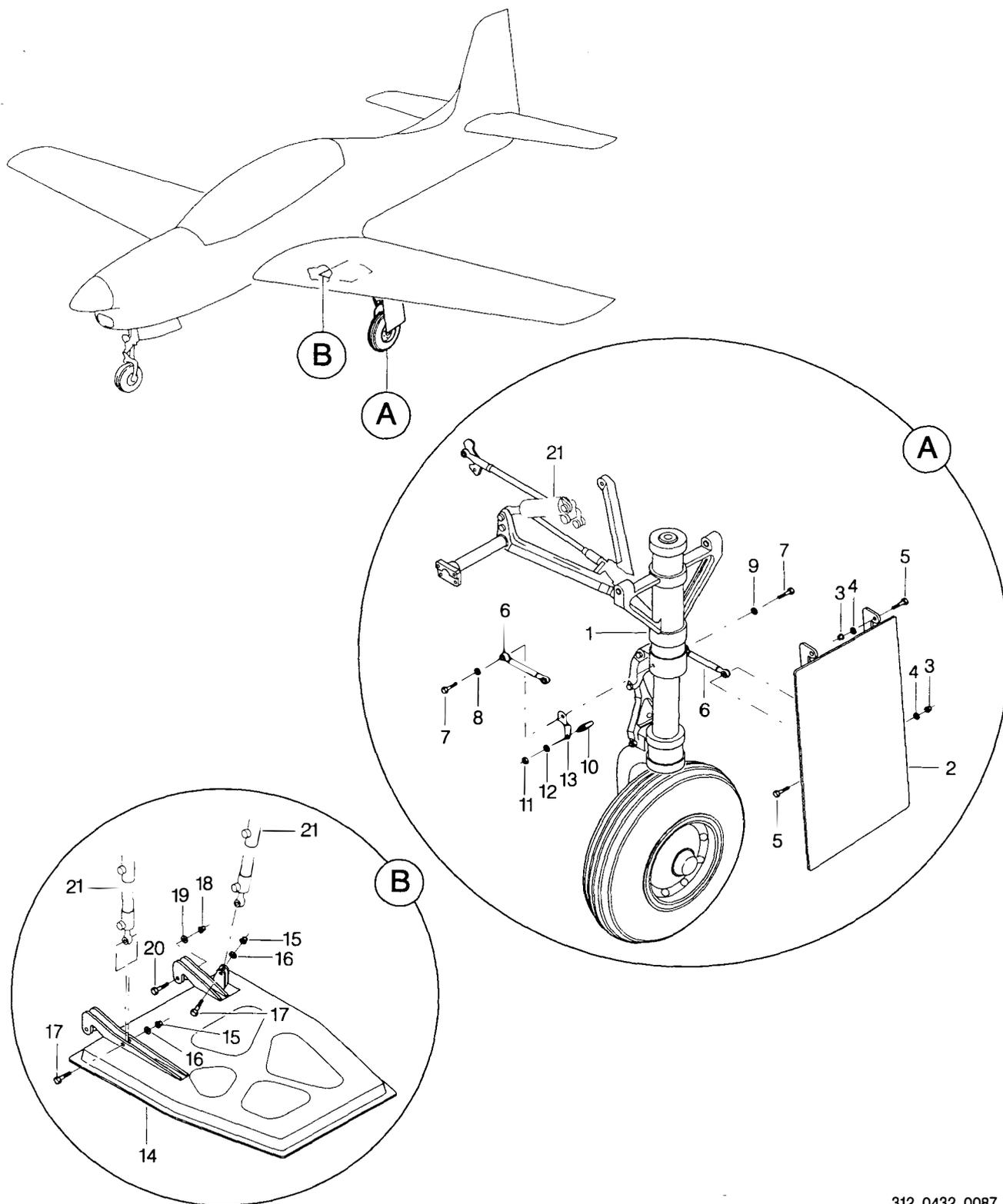
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		MEDIDOR DE FADIGA INSTL..... FATIGUE METER INSTL.....		REF		
1	M1947	.MEDIDOR DE FADIGA (PRE MOD BS 312-31-0007) (M 0027)..... METER, FATIGUE (PRE MOD SB 312-31-0007) (M002 7).....	K0100	1		
	FMS232-001	.REGISTRADOR DE FADIGA (POS MOD BS 312-31-0007 ) (M0177)..... FATIGUE METER SYSTEM (POST MOD SB 312-31-0007 ) (M0177).....	61349	1		
	LS14500	.BATERIA DE LITIUM..... LITHIUM BATTERY.....	F6177	1		
2	312-07823-001	.SUPORTE (PRE MOD BS 312-31-0007)..... BRACKET (PRE MOD SB 312-31-0007).....	S4956	1	006304	
	312-13932-001	.SUPORTE (PRE MOD BS 312-31-0007)..... BRACKET (PRE MOD SB 312-31-0007).....	S4956	1	305999	
	312-19129-001	.SUPORTE REGISTRADOR FADIGA (POS MOD BS 312-31- -0007)..... FATIGHE METER SUPPORT (POST MOD SB 312-31-000 7).....	S4956	1		
3	MS27039-1-07	.PARAFUSO CABECA ABAULADA (PRE MOD BS 312-31-0 007) (PF)..... SCREW, TRUSS HEAD (PRE MOD SB 312-31-0007) (AP ).....	96906	5		
	NAS1096-3-10	.PARAFUSO-CABECA HEXAGONAL, ROSCA TOT (POS MOD BS 312-31-0007) (PF)..... SCREW (POST MOD SB 312-31-0007) (AP).....	80205	4		
4	AN960-10	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	5		
5	PE95093-1	.PORTA-RESISTOR (INTERC SENTIDO UNICO COM P/N= PE95424-001)..... HOLDER, RESISTOR (ONE-WAY INTERCH WITH P/N=PE 95424-001).....	S4956	1		
	PE95424-1	.PORTA RESIS..... HOLDER, RESISTOR.....	S4956	1		
6	AMBATEX 1016-1,5	.CHAPA DE ISOLACAO..... SHEET, INSULATING.....	S4956	1		
7	H14-04	.PORCA (PF)..... NUT (AP).....	15653	1		
8	MS35206-215	.PARAFUSO (PF)..... SCREW (AP).....	96906	1		
9	1N4007	.DIODO (CR0025)..... DIODE (CR0025).....		1		
10	508-1-40000-320	.CONECTOR (PRE MOD BS 312-31-0007) (P0277)..... CONNECTOR (PRE MOD SB 312-31-0007) (P0277).....	K0678	1		
	AN3420-6A	.BUCHA (PRE MOD BS 312-31-0007)..... BUSHING (PRE MOD SB 312-31-0007).....	88044	1		
	508-1-02825-203	.BRACADEIRA (PRE MOD BS 312-31-0007)..... CLAMP (PRE MOD SB 312-31-0007).....	K0678	1		
	MS3476L10-6S	.CONECTOR, CONJ-CABLAGEM SIS ELETRIC (POS MOD B S 312-31-0007) (P1523)..... CONNECTOR ASSY (POST MOD SB 312-31-0007) (P15 23).....	96906	1		
	8525-867A	.BUCHA, ESQ. (POS MOD BS 312-31-0007)..... BUSHING (POST MOD SB 312-31-0007).....	F0225	1		
	MS3418-10N	.BRACADEIRA PARA CONECTOR (POS MOD BS 312-31-0 007)..... CLAMP (POST MOD SB 312-31-0007).....	96906	1		
11		.COMANDO ELETRICO DOS TDP INSTL (VEJA CAP 32)... LANDING GEAR ELECTRICAL CONTROL INSTL (SEE CHA		REF		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
0.1  12		PTER 32)..... . PAINEL DISJUNTORES INSTL, POSTO DIANTEIRO (V EJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		

**31-50-04**





312 0432 0087

FIGURA 01. TREM DE POUSO PRINCIPAL E PORTAS INSTL  
FIGURE 01. MAIN LANDING GEAR & WHEELWELL DOORS INSTL

**32-10-00**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TREM DE POUSO PRINCIPAL E PORTAS INSTL..... MAIN LANDING GEAR & WHEELWELL DOORS INSTL.....		REF	006084	
1		.UTILIZACAO ESPECIFICA USO TEA/AIT TREM DE POUSO PRINCIPAL INSTL, ESQ/DIR (PARA DETALHES VEJA FIG 32-10-01-01)..... MAIN LANDING GEAR INSTL, LHRH (FOR DETAILS SEE FIG 32-10-01-01).....		NOB		
2	312-08611-001	.PORTA EXTERNA CONJ, TDP PRINCIPAL ESQ (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, LHMLG (SEE CHAPTER 52).....	S4956	1		
	312-08611-002	.PORTA EXTERNA CONJ, TDP PRINCIPAL DIR (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, RHMLG (SEE CHAPTER 52).....	S4956	1		
3	MS20365-428C	.PORCA SEXT AUTO-FRENANTE, ACO (PF)..... NUT, HEX, SELF-LOCKING, SEEL (AP).....	96906	4		
4	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4		
5	AN4-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
6	41297-000	.HASTE CONJ..... ROD ASSY.....	77294	2		
7	AN4H6A	.PINO ROSCADO (PRE MOD BS 312-032-0031) (PF)..... BOLT (PRE MOD SB 312-032-0031) (AP).....	88044	2	006024	
	312-11719-001	.PARAFUSO ESPECIAL (PRE MOD BS 312-32-0031) (PF)..... SPECIAL SCREW (PRE MOD SB 312-32-0031) (AP).....	S4956	2	025084	
	AN4-10A	.PINO ROSCADO (POS MOD BS 312-032-0031) (PF)..... BOLT (POST MOD SB 312-032-0031) (AP).....	88044	2		
8	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	1		
	312-10269-001	.HASTE..... ROD.....	S4956	1		
	M44-14M	.TERMINAL ROTULADO..... ROD END, BEARING.....	73134	1		
	ML44-14M	.TERMINAL ROTULADO..... ROD END, BEARING.....	73134	1		
	AN316-4R	.PORCA..... NUT.....	88044	1		
	AN316-4L	.PORCA..... NUT.....	88044	1		
9	312-19321-001	.ESPACADOR-TDP PRINCIPAL (POS MOD BS 312-032-0031)..... SPACER (POST MOD SB 312-032-0031).....	S4956	1		
10	312-09504-001	.PINO (POS MOD BS 312-032-0031)..... PIN, MAIN LANDING GEAR MICROSWITCH (POST MOD SB 312-032-0031).....	S4956	1		
	MS24665-134	.CONTRA PINO (POS MOD BS 312-032-0031) (PF)..... PIN, COTTER (POST MOD SB 312-032-0031) (AP).....	96906	1		
11	AN320C3	.PORCA SEXTAVADA CASTELO (POS MOD BS 312-032-0031) (PF)..... NUT (POST MOD SB 312-032-0031) (AP).....	88044	1		
12	AN960C10L	.ARRUELA (POS MOD BS 312-032-0031) (PF)..... WASHER (POST MOD SB 312-032-0031) (AP).....		1		
13	312-20041-001	.SUPORTE DO PINO INDICADOR DE POUSO (POS MOD BS 312-032-0031)..... SUPPORT, HARD LANDING INDICATOR PIN (POST MOD SB 312-032-0031).....	S4956	1		
14	312-09113-001	.PORTA INTERNA ESQ TDP PRINCIPAL (PARA TROCA	S4956	NOB		

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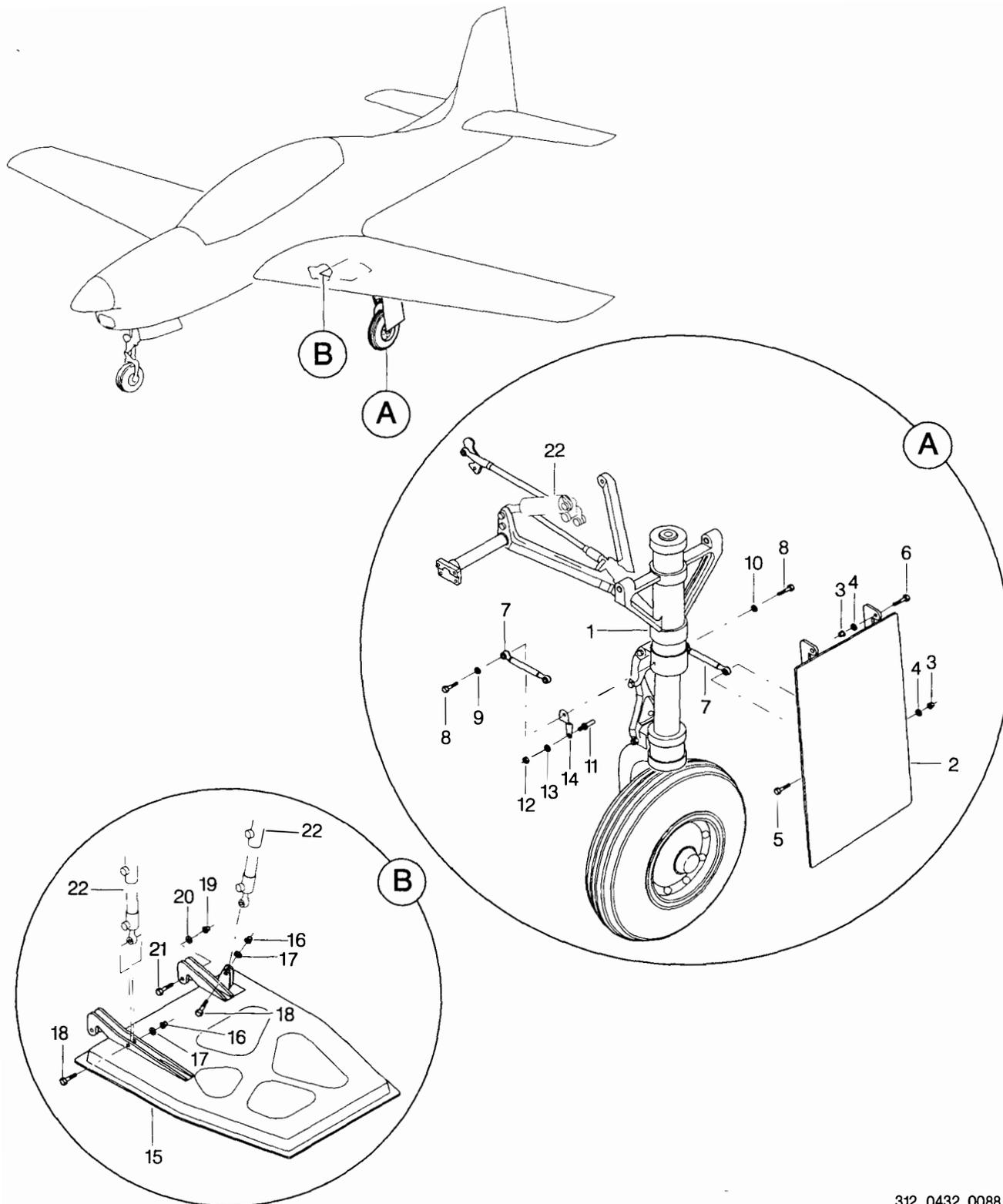
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		USE P/N=312-09113-601)..... DOOR INBOARD LH ASSY,MLG (FOR REPLACEMENT USE P/N=312-09113-601).....				
	312-09113-601	.PORTA INTERNA ESQ TDP PRINCIPAL.....	S4956	1		
	312-09113-002	DOOR INBOARD LH ASSY,MLG..... .PORTA INTERNA DIR TDP PRINCIPAL (PARA TROCA USE P/N=312-09113-602).....	S4956	NOB		
	312-09113-602	DOOR INBOARD RH ASSY,MLG (FOR REPLACEMENT USE P/N=312-09113-602).....				
	MS24665-134	.PORTA INTERNA DIR TDP PRINCIPAL.....	S4956	1		
	MS24665-134	DOOR INBOARD RH ASSY,MLG..... .CONTRA PINO (PF).....	96906	2		
15	MS14145L3	PIN, COTTER (AP)..... .PORCA SEX CAST,AUTO-FREN,BAIXA,ACO (PF).....	96906	2		
16	AN960-10L	NUT,CSTL,SELF-LOCKING,THIN,STEEL (AP)..... .ARRUELA (PF).....	88044	2		
17	NAS6203-19D	WASHER,FLAT (AP)..... .PINO ROSCADO (PF).....	80205	2		
	MS24665-134	BOLT (AP)..... .CONTRA PINO (PF).....	96906	2		
18	MS14145L4	PIN, COTTER (AP)..... .PORCA,SEX CAST,AUTO-FREN,BAIXA,ACO (PF).....	96906	2		
19	AN960-416	NUT (AP)..... .ARRUELA PLANA (PF).....	88044	2		
20	NAS6204-17D	WASHER,FLAT (AP)..... .PINO ROSCADO (PF).....	80205	2		
21		BOLT (AP)..... UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, ASA (VEJA CAP 29)..... MAIN HYDRAULIC POWER SUPPLY SYS INSTL, WING (SEE CHAPTER 29).....		REF		

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FIGURA 02. TREM DE POUSO PRINCIPAL E PORTAS INSTL  
FIGURE 02. MAIN LANDING GEAR AND WHEELWELL DOORS INSTL

**32-10-00**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	E T EFF	OMR SMR
02		TREM DE POUSO PRINCIPAL E PORTAS INSTL..... MAIN LANDING GEAR AND WHEELWELL DOORS INSTL..		REF	085999	
1		.UTILIZACAO ESPECIFICA USO TEA/AIT TREM DE POUSO PRINCIPAL INSTL, ESQ/DIR (VEJA FIG 32-10-01-02)..... MAIN LANDING GEAR INSTL, LH/RH (FOR DETAILS SEE FIG 32-10-01-02).....		NOB		
2	312-08611-001	.PORTA EXTERNA CONJ, TDP PRINCIPAL ESQ (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, LH MLG (SEE CHAPTER 52).....	S4956	1	085124	
	312-08611-002	.PORTA EXTERNA CONJ, TDP PRINCIPAL DIR (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, RH MLG (SEE CHAPTER 52).....	S4956	1	085124	
	312-08611-501	.PORTA EXTERNA CONJ, TDP PRINCIPAL ESQ (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, LH MLG (SEE CHAPTER 52).....	S4956	1	125999	
	312-08611-502	.PORTA EXTERNA CONJ, TDP PRINCIPAL DIR (VEJA CAP 52)..... OUTBOARD WHEELWELL DOOR ASSY, RH MLG (SEE CHAPTER 52).....	S4956	1	125999	
3	MS21042-4	.PORCA SEXT AUTO-FRENANTE, ACO (PF)..... NUT, HEX, SELF-LOCKING, SEEL (AP).....	96906	4		
4	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4		
5	AN4-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2	B	
	AN4-10A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2	A	
6	AN4-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
7	312-10268-001	.HASTE CONJ..... ROD ASSY.....	S4956	2		
8	AN4-7A	.PINO ROSCADO (PRE MOD BS 312-032-0031) (PF)..... BOLT (PRE MOD SB 312-032-0031) (AP).....	88044	2		
	AN4-10A	.PINO ROSCADO (POS MOD BS 312-032-0031) (PF)..... BOLT (POST MOD SB 312-032-0031) (AP).....	88044	2		
9	AN960-416L	.ARRUELA PLANA, ACO (PRE MOD BS 312-032-0031) (PF)..... WASHER, FLAT, STEEL (PRE MOD SB 312-032-0031) (AP).....	88044	2		
	AN960-416	.ARRUELA PLANA (POS MOD BS 312-032-0031) (PF)..... WASHER, FLAT (POST MOD SB 312-032-0031) (AP).....	88044	1		
	312-10269-001	.HASTE..... ROD.....	S4956	1		
	M44-14M	.TERMINAL ROTULADO..... ROD END, BEARING.....	73134	1		
	ML44-14M	.TERMINAL ROTULADO..... ROD END, BEARING.....	73134	1		
	AN316-4R	.PORCA..... NUT.....	88044	1		
	AN316-4L	.PORCA..... NUT.....	88044	1		
10	312-19321-001	.ESPACADOR-TDP PRINCIPAL (POS MOD BS 312-032-0031)..... SPACER (POST MOD SB 312-032-0031).....	S4956	1		
11	312-09504-001	.PINO (POS MOD BS 312-032-0031)..... PIN, MAIN LANDING GEAR MICROSWITCH (POST MOD	S4956	1		

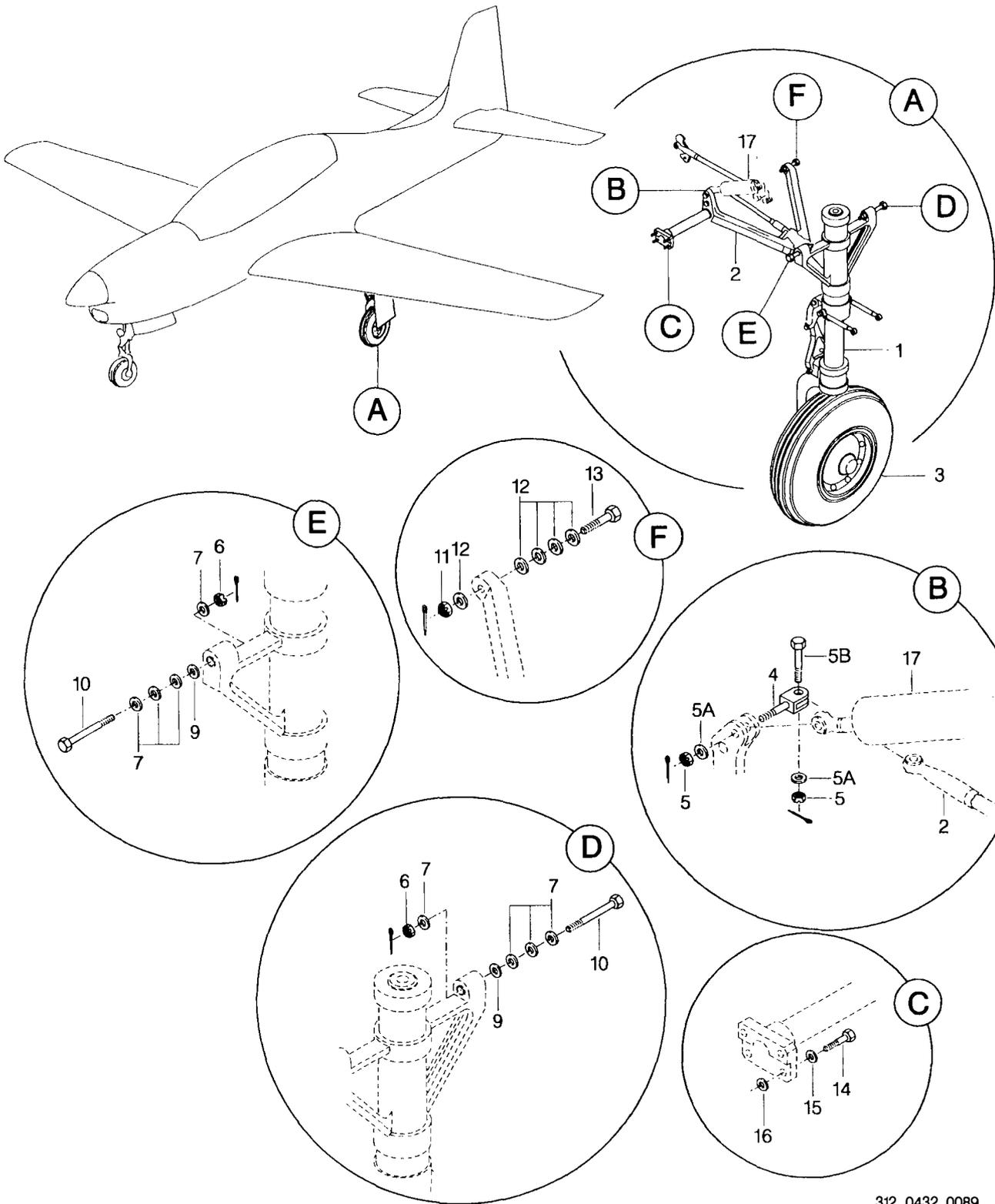
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
	MS24665-134	SB 312-032-0031)..... .CONTRA PINO (POS MOD BS 312-032-0031) (PF).....	96906	1		
12	AN320C3	PIN, COTTER (POST MOD SB 312-032-0031) (AP)..... .PORCA SEXTAVADA CASTELO (POS MOD BS 312-032-0031) (PF).....	88044	1		
13	AN960C10L	NUT (POST MOD SB 312-032-0031) (AP)..... .ARRUELA (POS MOD BS 312-032-0031) (PF).....		1		
14	312-20041-001	WASHER (POST MOD SB 312-032-0031) (AP)..... .SUPORTE DO PINO INDICADOR DE POUSO (POS MOD BS 312-032-0031).....	S4956	1		
15	312-09113-001	SUPPORT, HARD LANDING INDICATOR PIN (POST MOD SB 312-032-0031)..... .PORTA INTERNA ESQ TDP PRINCIPAL (PARA TROCA USE P/N=312-09113-601).....	S4956	NOB		
	312-09113-601	DOOR INBOARD LH ASSY,MLG (FOR REPLACEMENT USE P/N=312-09113-601).....	S4956	1		
	312-09113-002	.PORTA INTERNA ESQ TDP PRINCIPAL..... DOOR INBOARD LH ASSY,MLG.....	S4956	NOB		
	312-09113-602	.PORTA INTERNA DIR TDP PRINCIPAL (PARA TROCA USE P/N=312-09113-602)..... DOOR INBOARD RH ASSY,MLG (FOR REPLACEMENT USE P/N=312-09113-602).....	S4956	1		
	MS24665-134	.PORTA INTERNA DIR TDP PRINCIPAL..... DOOR INBOARD RH ASSY,MLG.....	S4956	1		
16	MS14145L3	.CONTRA PINO (PF).....	96906	2		
17	AN960-10L	PIN, COTTER (AP)..... .PORCA SEX CAST,AUTO-FREN,BAIXA,ACO (PF).....	96906	2		
18	NAS6203-19D	NUT,CSTL,SELF-LOCKING,THIN,STEEL (AP)..... .ARRUELA (PF).....	88044	2		
	MS24665-134	WASHER,FLAT (AP)..... .PINO ROSCADO (PF).....	80205	2		
19	MS14145L4	BOLT (AP)..... .CONTRA PINO (PF).....	96906	2		
20	AN960-416	PIN, COTTER (AP)..... .PORCA,SEX CAST,AUTO-FREN,BAIXA,ACO (PF).....	96906	2		
21	NAS6204-17D	NUT (AP)..... .ARRUELA PLANA (PF).....	88044	2		
22		WASHER,FLAT (AP)..... .PINO ROSCADO (PF).....	80205	2		
		BOLT (AP)..... UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, ASA (VEJA CAP 29)..... MAIN HYDRAULIC POWER SUPPLY SYS INSTL, WING (SEE CHAPTER 29).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312085 A 312104, 312108, 312109, 312113, 312114, 312118 A 312121, 312137 E SEGUINTEs A AIRCRAFT 312085 THRU 312104, 312108, 312109, 312113, 312114, 312118 THRU 312137 AND ON B AVIOES 312105 A 312107, 312110 A 312112, 312115 A 312117, 312122 A 312136 B AIRCRAFT 312105 THRU 312107, 312110 THRU 312112, 312115 THRU				

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		312117, 312122 THRU 312136				



312 0432 0089

FIGURA 01. TREM DE POUSO PRINCIPAL INSTL, ESQ  
FIGURE 01. MAIN LANDING GEAR INSTL, LH

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TREM DE POUSO PRINCIPAL INSTL, ESQ..... MAIN LANDING GEAR INSTL, LH.....		REF	006084	
1	312-03919-003	.TREM POUSO PRINCIPAL CONJ, ESQUERDO (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, LEFT (FOR DETAILS SEE PUBLICATION NO. T.O. 4A-1-013).....	S4956	1		
	312-03919-004	.TREM POUSO PRINCIPAL CONJ, DIREITO (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, RIGHT (FOR DETAILS SEE PUBLICATION NO. T.O. 4A-1-013).....	S4956	1		
2		.. MECANISMO DO TDP PRINCIPAL INSTL, ESQ (PARA DETALHES VEJA FIG 32-10-02-01)..... MAIN LANDING GEAR MECHANISM INSTL, LH (FOR DETAILS SEE FIG 32-10-02-01).....		NOB		
		.. MECANISMO DO TDP PRINCIPAL INSTL, DIR (PARA DETALHES VEJA FIG 32-10-02-01)..... MAIN LANDING GEAR MECHANISM INSTL, RH (FOR DETAILS SEE FIG 32-10-02-01).....		NOB		
3		.. RODA EQUIPADA, FREIO E PNEU INSTL, TDP ESQ (PARA DETALHES VEJA FIG 32-40-00-01)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL, LH (FOR DETAILS SEE FIG 32-40-00-01).....		NOB		
		.. RODA EQUIPADA, FREIO E PNEU INSTL, TDP DIR (PARA DETALHES VEJA FIG 32-40-00-01)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL, RH (FOR DETAILS SEE FIG 32-40-00-01).....		NOB		
4	41789-000	.GARFO..... FORK.....	77294	1		
	MS24665-355	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
5	MS20365-428C	.PORCA SEXT AUTO-FRENANTE,ACO (PF)..... NUT, HEX,SELF-LOCKING,SEEL (AP).....	96906	2		
5 A	AN960-416	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
5 B	AN4-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
6	AN310-10	.PORCA SEXTACADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
7	AN960-1016	.ARRUELA PLANA,ACO (PF)..... WASHER FLAT,STEEL (AP).....	88044	8		
8	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
9	312-10649-001	.ARRUELA (PF)..... WASHER (AP).....	S4956	2		
10	AN10-40	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	MS24665-285	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
11	AN310-8	.PORCA (PF)..... NUT (AP).....	88044	1		
12	AN960-816	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	5		
13	AN8-30	.PINO ROSCADO (PF)..... PIN,THREADED (AP).....	88044	1		
14	AN4-7A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
15	AN960-416	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4		
16	312-10309-001	.CALCO..... SHIM.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
0.1  18		. SIST HIDRAULICO PRINCIPAL INSTL, ASA (VEJA C AP 29)..... MAIN HYDRAULIC POWER SUPPLY SYS INSTL, WING (S EE CHAPTER 29).....		REF		

**32-10-01**





FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		TREM DE POUSO PRINCIPAL INSTL, DIR/ESQ..... MAIN LANDING GEAR INSTL, RH/LH.....		REF	085999	
1		.. TDP PRINCIPAL CONJ, ESQ (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, LH (FOR DETAILS SEE P UBLICATION NO. T.O. 4A-1-013).....		NOB		
		.. TDP PRINCIPAL CONJ, DIR (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, RH (FOR DETAILS SEE P UBLICATION NO. T.O. 4A-1-013).....		NOB		
2		.. MECANISMO DO TDP PRINCIPAL INSTL, ESQ (PARA DETALHES VEJA FIG 32-10-02-02)..... MAIN LANDING GEAR MECHANISM INSTL, LH (FOR DE TAILS SEE FIG 32-10-02-02).....		NOB		
		.. MECANISMO DO TDP PRINCIPAL INSTL, DIR (PARA DETALHES 32-10-02-02)..... MAIN LANDING GEAR MECHANISM INSTL, RH (FOR DE TAILS SEE FIG 32-10-02-02).....		NOB		
3		.. RODA EQUIPADA, FREIO E PNEU INSTL, TDP ESQ (PARA DETALHES VEJA FIG 32-40-00-02)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL, LH (FOR DETAILS SEE FIG 32-40-00-02).....		NOB		
		.. RODA EQUIPADA, FREIO E PNEU INSTL, TDP DIR (PARA DETALHES VEJA FIG 32-40-00-02)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL, RH (FOR DETAILS SEE FIG 32-40-00-02).....		NOB		
	PE25001-3131B	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
4	AN310-10	.PORCA SEXTACADA CASTELO,ACO (PF)..... NUT, HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
4 A	AN960-1016	.ARRUELA PLANA,ACO (PF)..... WASHER FLAT,STEEL (AP).....	88044	6		
5	312-10649-001	.ARRUELA (PF)..... WASHER (AP).....	S4956	2		
6	AN10-40	.PINO ROSCADO (SOMENTE TDP ESQ) (PF)..... BOLT (LH GEAR ONLY) (AP).....	88044	1		
	AN10-36	.PINO ROSCADO (SOMENTE TDP DIR) (PF)..... BOLT (RH GEAR ONLY) (AP).....	88044	1		
7	AN10-36	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
	MS24665-285	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
8	AN310-8	.PORCA (PF)..... NUT (AP).....	88044	1		
9	AN960-816	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2	085224	
	312-05721-005	.ARRUELA (PF)..... WASHER,MAIN LANDING GEAR (AP).....	S4956	2	225999	
10	AN8-30	.PINO ROSCADO (PF)..... PIN, THREADED (AP).....	88044	1		
11	AN4-11A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
12	AN960-416	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4		
13	MS20995C20	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
14	312-10309-001	.CALCO..... SHIM.....	S4956	1		
15		. SIST HIDRAULICO PRINCIPAL INSTL, ASA (VEJA C AP 29).....		REF		

32-10-01

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		MAIN HYDRAULIC POWER SUPPLY SYS INSTL, WING (S EE CHAPTER 29).....				

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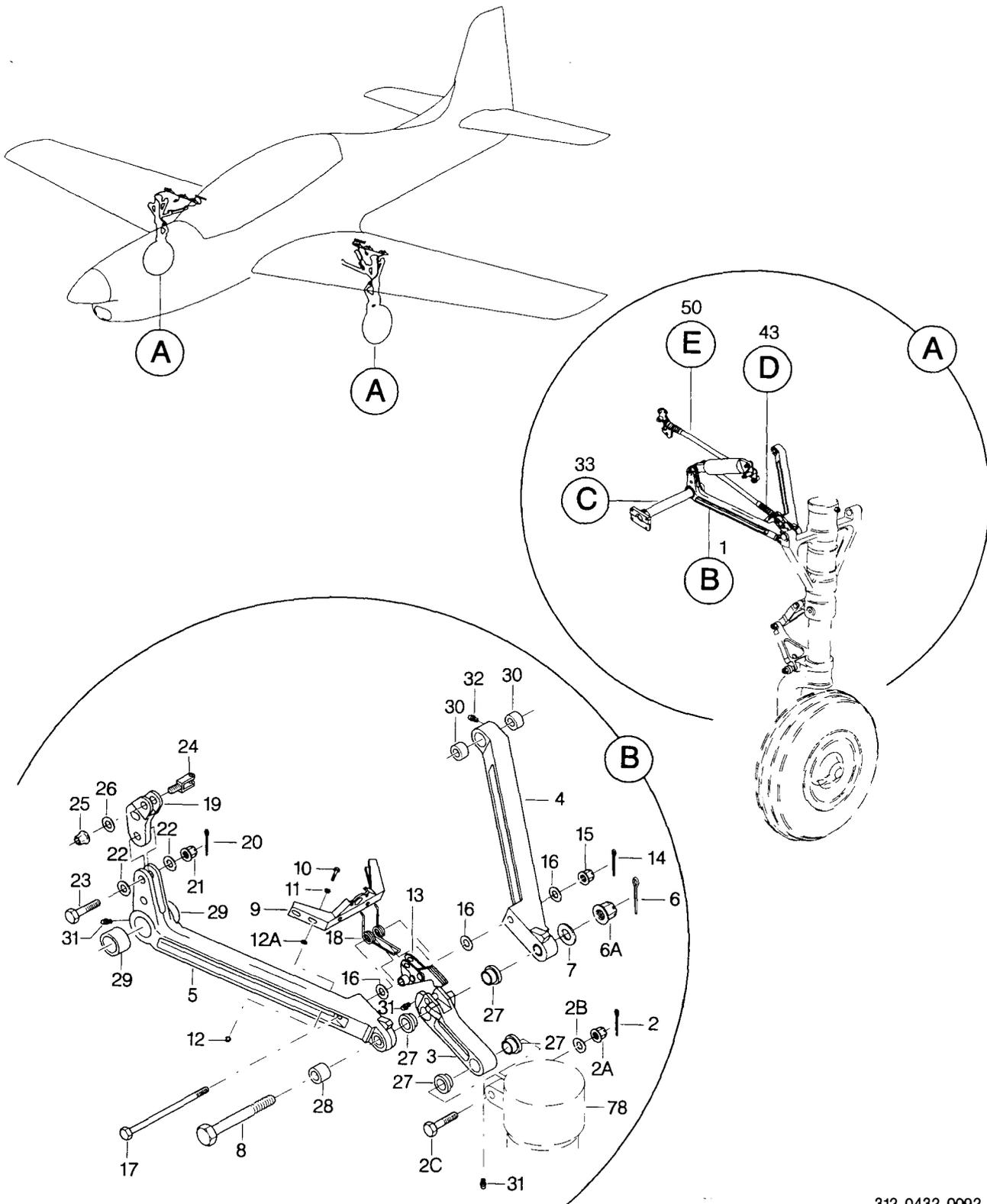
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		MECANISMO DO TREM DE POUSO PRINCIPAL, ESO ..... MAIN LANDING GEAR MECHANISM, LH .....		REF	006084	
1	40284-000	.HASTE DE LIGACAO CONJ ..... LINK ASSY .....	77294	1		
2	MS24665-285	.CONTRA PINO (PF) ..... PIN, COTTER (AP) .....	96906	2		
3	AN310-8	.PORCA (PF) ..... NUT (AP) .....	88044	2		
4	AN960-816	.ARRUELA PLANA, ACO (PF) ..... WASHER (AP) .....	88044	2		
5	AN178-26	.PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	1		
6	AN178-34	.PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	1		
7	312-10354-001	.SUPORTE (SOMENTE TREM PP ESQUERDO) (QUANDO ESGOTAR USE PN 312-11003-001) ..... SUPPORT (LEFT MAIN LANDING GEAR ONLY) (WHEN EXHAUSTED USE PN 312-11003-001) .....	001JK	1		
	312-10354-002	.SUPORTE (SOMENTE TREM PP DIREITO) (QUANDO ESGOTAR USE PN 312-11003-001) ..... SUPPORT (RIGHT MAIN LANDING GEAR ONLY) (WHEN EXHAUSTED USE PN 312-11003-001) .....	001JK	1		
	312-11003-001	.SUPORTE ..... SUPPORT .....	001JK	1		
8	MS21042-08	.PORCA-SEXTAVADA (PF) ..... NUT, HEX, SELF (AP) .....	96906	4		
9	AN960-8	.ARRUELA (PF) ..... WASHER (AP) .....	88044	4		
10	MS35206-247	.PARAFUSO CABECA ESCAREADA (PF) ..... SCREW, COUNTERSUNK HEAD (AP) .....	96906	4	006017	
	MS35206-246	.PARAFUSO (PF) ..... SCREW (AP) .....	96906	4	018084	
11	312-10351-001	.CALCO ..... SHIM .....	001JK	4		
11A	312-08395-001	.EIXO CONJ (PRE MOD BS 312-00-0003) ..... SHAFT ASSY (PRE MOD SB 312-00-0003) .....	001JK	1		
	2301-0062-001	.EIXO CONJUNTO TREM DE POUSO PRINCIP (PARA DETALHES VEJA TP2303/066) ..... SHAFT ASSY (FOR DETAILS SEE TP2303/066) .....	001JK	1	A	
13	AN310-6	.PORCA (PF) ..... NUT (AP) .....	88044	1		
13A	AN960-616	.ARRUELA (PF) ..... WASHER (AP) .....	88044	1		
14	85012-105	.ARRUELA (PF) ..... WASHER (AP) .....	77294	1		
15	85012-125	.ARRUELA (PF) ..... WASHER (AP) .....	77294	CR	006050	
16	80122-155	.ARRUELA (PF) ..... WASHER (AP) .....	001JK	CR	006050	
17	80122-131	.ARRUELA (PF) ..... WASHER (AP) .....	001JK	CR	006050	
18	80122-130	.ARRUELA (PF) ..... WASHER (AP) .....	001JK	CR	006050	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01	19	80122-129	.ARRUELA (PF)..... WASHER (AP).....	001JK	CR	006050
		312-10650-001	.ARRUELA (PF)..... WASHER (AP).....	001JK	CR	051084
	20	41949-002	.HASTE CONJ (PARA DETALHES VEJA FIG 32-10-01-01) .... ROD ASSY (FOR DETAILS SEE FIG 32-10-01-01) .....	77294	CR	
	21	MS20365-428C	.PORCA SEXT AUTO-FRENANTE,ACO (PF)..... NUT, HEX,SELF-LOCKING,SEEL (AP) .....	96906	1	
	22	AN960-416	.ARRUELA PLANA (PF) .....	88044	1	
01			WASHERFLAT (AP) .....			
	23	AN4-10A	.PINO ROSCADO (PF)..... BOLT (AP) .....	88044	1	
	24	TY25M	.AMARRILHO .....	22421	1	
	25	PIP 1016	.BOTA DE PROTECAO..... BOOT, PROTECTIVE .....	16632	1	
	26	A3122-10-1	.BRACADEIRA .....	78553	1	
	27	42042-000	.BRACO DE RETRACAO DO TREM .....	77294	1	
	28	MS24665-285	.CONTRA PINO (PF) .....	96906	2	
	29	AN310-6	.PORCA (PF)..... NUT (AP) .....	88044	2	
	30	AN960-616	.ARRUELA (PF)..... WASHER (AP).....	88044	4	
	31	AN6-14	.PINO ROSCADO (PF) .....	88044	2	
	32	41983-000	.GANCHO, MOLA (SOMENTE TREM PP ESQUERDO) .....	77294	1	
		41983-001	.GANCHO, MOLA (SOMENTE TREM PP DIREITO)..... HOOK SPRING (LEFT MAIN LANDING GEAR ONLY) .....	77294	1	
	34	MS24665-134	.CONTRA PINO (PF) .....	96906	1	
	35	AN310-5	.PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	1	
	36	AN960-516	.ARRUELA PLANA (PF) .....	88044	5	
	37	AN5-46	.PINO ROSCADO (PF)..... BOLT (AP) .....	88044	1	
	38	41952-000	.MOLA .....	77294	1	
	39	40280-000	.HASTE ARTICULACAO CONJ (SOMENTE TREM PP ESQUERDO) .....	77294	1	
		40280-001	.HASTE ARTICULACAO CONJ (SOMENTE TREM PP DIREITO) .....	77294	1	
	40	40279-008	.HASTE (SOMENTE TREM DE POUSO PRINCIPAL ESQUERDO) .....	77294	1	

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>LINK (LEFT MAIN LANDING GEAR ONLY) .....</i>				
	40279-009	.HASTE (SOMENTE TREM DE POUSO PRINCIPAL DIREITO)	77294	1		
		<i>LINK (RIGHT MAIN LANDING GEAR ONLY) .....</i>				
41	41949-003	.HASTE CONJ .....	77294	1		
		<i>ROD ASSY .....</i>				
42	MS20365-428C	.PORCA SEXT AUTO-FRENANTE,ACO (PF).....	96906	1		
		<i>NUT, HEX,SELF-LOCKING,SEEL (AP) .....</i>				
43	AN960-416	.ARRUELA PLANA (PF) .....	88044	2		
		<i>WASHER,FLAT (AP) .....</i>				
44	AN4-13A	.PINO ROSCADO (PF) .....	88044	1		
		<i>BOLT (AP) .....</i>				
45	42129-007	.BUCHA .....	77294	1		
		<i>BUSHING .....</i>				
	TY25M	.AMARRILHO .....	22421	1		
		<i>STRAP TIEDOWN .....</i>				
47	PIP 1016	.BOTA DE PROTECAO .....	16632	1		
		<i>BOOT, PROTECTIVE .....</i>				
48	A3122-10-1	.BRACADEIRA .....	78553	1		
		<i>CLAMP .....</i>				
49	41797-003	.GANCHO CONJ (QUANDO ESGOTAR USE PN 312-10059-001) .....	77294	1	006024	
		<i>HOOK ASSY (WHEN EXHAUSTED USE PN 312-10059-001</i>				
	312-10059-001	.GANCHO,CONJ .....	001JK	1	025084	
		<i>HOOK ASSY .....</i>				
50	MS20365-428C	.PORCA SEXT AUTO-FRENANTE,ACO (PF).....	96906	1		
		<i>NUT, HEX,SELF-LOCKING,SEEL (AP) .....</i>				
51	AN960-416	.ARRUELA PLANA (PF) .....	88044	2		
		<i>WASHER,FLAT (AP) .....</i>				
52	AN4-13A	.PINO ROSCADO (PF) .....	88044	1	B	
		<i>BOLT (AP) .....</i>				
	AN4-15A	.PINO ROSCADO (PF) .....	88044	1	C	
		<i>BOLT (AP) .....</i>				
53	42129-004	.BUCHA.....	77294	1		
		<i>BUSHING .....</i>				
54	41979-000	.MOLA .....	77294	1		
		<i>SPRING .....</i>				
55	42041-000	.ALAVANCA CONJ .....	77294	1		
		<i>LEVER ASSY .....</i>				
56	MS20365-428C	.PORCA SEXT AUTO-FRENANTE,ACO (PF).....	96906	1		
		<i>NUT, HEX,SELF-LOCKING,SEEL (AP) .....</i>				
57	MS20365-524C	.PORCA (PF) .....	96906	1		
		<i>NUT (AP) .....</i>				
58	MS20365-624C	.PORCA (PF) .....	96906	1		
		<i>NUT (AP) .....</i>				
59	AN960-416	.ARRUELA PLANA (PF) .....	88044	3		
		<i>WASHER, FLAT (AP) .....</i>				
60	AN960-616	.ARRUELA (PF).....	88044	2		
		<i>WASHER (AP) .....</i>				
61	40559-034	.ARRUELA (ALTERNATIVA USE PN PE24020-516) (PF) .....	77294	2		
		<i>WASHER (ALTERNATIVE USE PN PE24020-516) (AP) .....</i>				
62	AN4-10A	.PINO ROSCADO (PF) .....	88044	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
63	AN6-24A	BOLT (AP) ..... .PINO ROSCADO (PF) .....	88044	1		
64	AN5-17A	BOLT (AP) ..... .PINO ROSCADO (PF) .....	88044	1		
65	42129-006	BOLT HEXAGON HEAD STEEL (AP) ..... .BUCHA.....	77294	1		
66	42129-008	BUSHING ..... .BUCHA.....	77294	1		
67	42129-009	BUSHING ..... .BUCHA.....	77294	1		
68	42129-010	BUSHING ..... .BUCHA.....	77294	1		
69		.ESTRUTURA PERNA DE FORCA INSTL, TOP PRINCIPAL (VEJA PUBLICACAO NO O.T 4A-1-013) ..... OLEO STRUT STRUCTURE INSTL, MAIN LANDING GEAR (SEE PUBLICATION NO T.O 4A-1-013) .....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033,, 312035, 312037, 312065, 312071 A 312074, 312076, 312080 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080 (POST MOD SB 312-00-0003) B AVIOES 312006 A 312080 (PRE MOD BS 312-57-0014 REV.1) B AIRCRAFT 312006 THRU 312080 (PRE MOD BS 312-57-0014 REV.1) C AVIOES 312006 A 312080 (POS MOD BS 312-57-0014 REV.1) C AIRCRAFT 312006 THRU 312080 (POST MOD BS 312-57-0014 REV.1)				



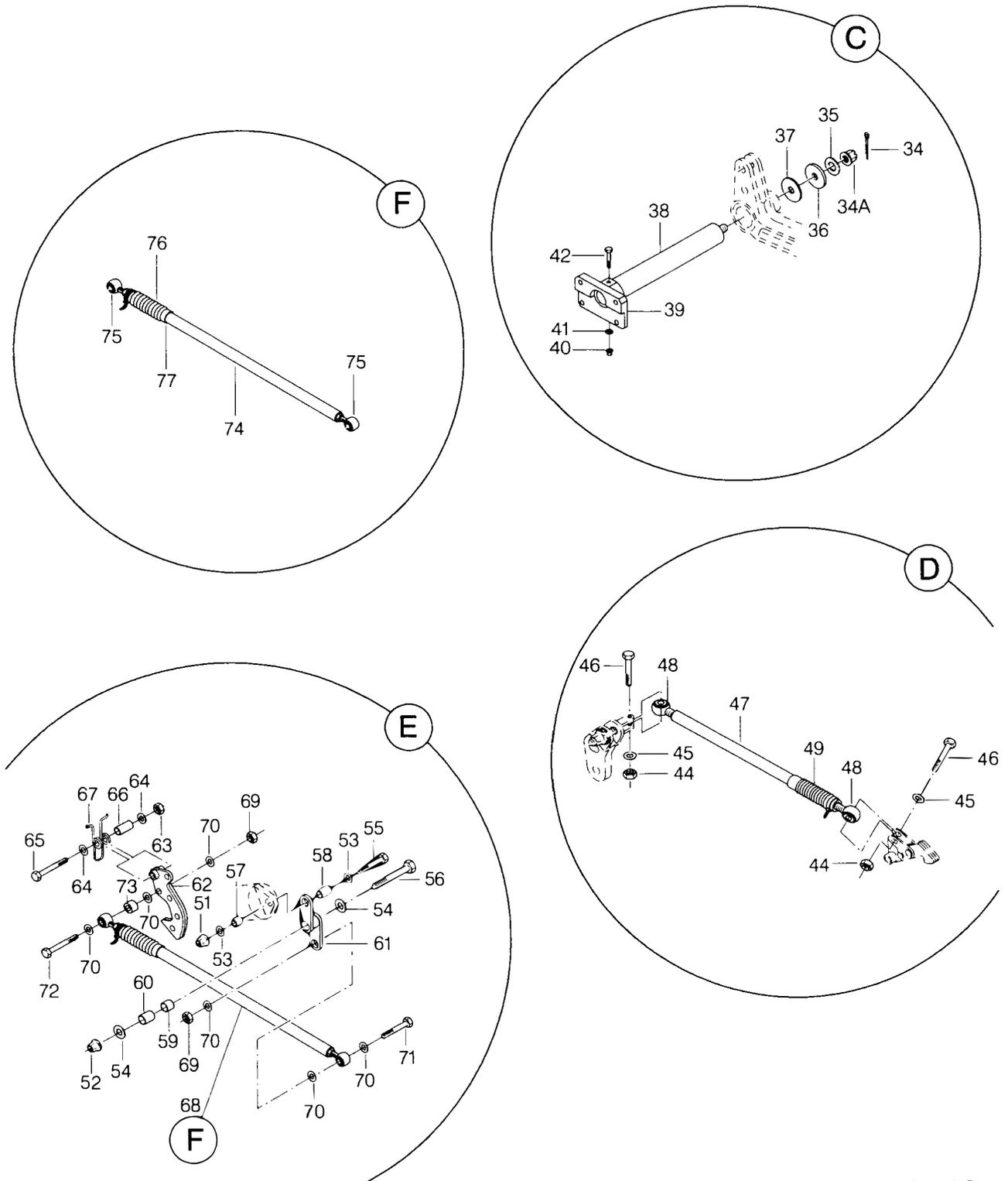


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FIGURA 02. MECANISMO DO TREM DE POUSO PRINCIPAL, DIR (FOLHA 1 DE 2)  
FIGURE 02. MAIN LANDING GEAR MECHANISM, RH (SHEET 1 OF 2)

32-10-02

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312 0432 0153

FIGURA 02. MECANISMO DO TREM DE POUSO PRINCIPAL, DIR/ESQ (FOLHA 2 DE 2)  
 FIGURE 02. MAIN LANDING GEAR MECHANISM, RH/LH (SHEET 2 OF 2)

**32-10-02**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		MECANISMO DO TREM DE POUSO PRINCIPAL, DIR/ESQ..... MAIN LANDING GEAR MECHANISM, RH/LH.....		REF	085999	
1	312-10347-001	ACIONADOR CONJ ESQ..... ACTUATING ASSY, LH.....	S4956	1	085153	
	312-10347-503	ACIONADOR CONJ ESQ..... ACTUATING ASSY, LH.....	S4956	1	154999	
	312-10347-002	ACIONADOR CONJ DIR..... ACTUATING ASSY, RH.....	S4956	1	085153	
	312-10347-504	ACIONADOR CONJ DIR..... ACTUATING ASSY, RH.....	S4956	1	154999	
2	MS24665-285	CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
2 A	AN310-8	PORCA (PF)..... NUT (AP).....	88044	1		
2 B	AN960-816	ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	1		
2 C	AN178-26	PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
3	312-10253-005	HASTE CONJUNTO TREM PRINCIPAL..... ROD ASSY, MLG LINKAGE.....	S4956	1		
	312-10264-001	PINO-TRAVA..... PIN, LOCKING.....	S4956	1		
4	312-10248-501	HASTE SUP ACION TDP (U/C PN 312-10347-001)..... SIDE BRACE ASSY, UPPER FWD (U/W PN 312-10347-001).....	S4956	1		
	312-10248-502	HASTE SUP ACION TDP (U/C PN 312-10347-002)..... SIDE BRACE ASSY, UPPER FWD (U/W PN 312-10347-002).....	S4956	1		
5	312-10359-501	HASTE ACION TDP PRINC (U/C PN 312-10347-001)..... SIDE BRACE ASSY, UPPER AFT (U/W PN 312-10347-001).....	S4956	1		
	312-10359-502	HASTE ACION TDP PRINC (U/C PN 312-10347-002)..... SIDE BRACE ASSY, UPPER AFT (U/W PN 312-10347-002).....	S4956	1		
6	MS24665-285	CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
6 A	AN310-8	PORCA (PF)..... NUT (AP).....	88044	1		
7	AN960-816	ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	1		
8	AN178-33	PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
9	312-11003-001	SUPORTE..... SUPPORT.....	S4956	1		
10	MS21042-08	PORCA SEXTAVADA AUTO FRENANTE (PF)..... NUT, HEX, SELF-LOCKING (AP).....	96906	4		
11	AN960-8	ARRUELA (PF)..... WASHER (AP).....	88044	4		
12	MS35206-247	PARAFUSO CABECA ESCAREADA (PF)..... SCREW, COUNTERSUNK HEAD (AP).....	96906	4		
12 A	312-10351-001	CALCO..... SHIM.....	S4956	1		
13	312-10296-001	TRAVA EMBAIXO (U/C PN 312-10347-001)..... DOWNLOCK (U/W PN 312-10347-001).....	S4956	1		
	312-10296-002	TRAVA EMBAIXO (U/C PN 312-10347-002).....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		DOWNLOCK (U/W PN 312-10347-002).....				
14	MS24665-134	..CONTRA PINO (PF).....	96906	1		
15	AN310-5	..PIN, COTTER (AP).....				
16	AN960-516	..PORCA SEXTAVADA CASTELO,ACO (PF).....	88044	1		
17	AN5-46	..NUT,HEXAGON,CASTELLATED,STEEL (AP).....				
18	312-10250-001	..ARRUELA PLANA (PF).....	88044	3		
19	312-10303-001	..WASHER,FLAT (AP).....				
	312-09455-001	..PINO ROSCADO (PF).....	88044	1		
20	MS24665-285	..BOLT (AP).....				
21	AN310-6	..MOLA.....	S4956	1		
22	AN960-616	..SPRING.....				
23	AN6-14	..BRACO (ALTERNATIVA USE PN 312-09455-001).....	S4956	1		
24	312-10270-001	..ARM (ALTERNATIVE USE PN 312-09455-001).....				
25	MS21042-4	..BRACO.....	S4956	1		
26	AN960-416	..ARM.....				
27	NAS77-8-44	..CONTRA PINO (PF).....	96906	2		
28	NAS77-8-72	..PIN, COTTER (AP).....				
29	NAS77-18-50	..NUT (AP).....				
30	NAS77-8-38	..ARRUELA (PF).....	88044	2		
31	MS15002-1	..WASHER (AP).....				
32	MS15001-1	..PINO ROSCADO (PF).....	88044	4		
33	312-08395-001	..BOLT (AP).....				
34	MS24665-285	..TERMINAL-GARFO.....	S4956	1		
34 A	AN310-6	..FORK END.....				
35	AN960-616	..PORCA SEXT AUTO-FRENANTE,ACO (PF).....	96906	1		
36	312-10344-001	..NUT, HEX,SELF-LOCKING,SEEL (AP).....				
37	312-10344-003	..ARRUELA PLANA (PF).....	88044	1		
	312-10650-001	..WASHER,FLAT (AP).....				
		..BUCHA.....	80205	4		
		..BUSHING.....				
		..BUCHA.....	80205	2		
		..BUSHING.....				
		..BUCHA.....	80205	2		
		..BUSHING.....				
		..BUCHA.....	80205	2		
		..BUSHING.....				
		..BOCAL.....	96906	3		
		..FITTING, GREASE.....				
		..BOCAL DE LUBRIFICACAO.....	96906	1		
		..FITTING, GREASE.....				
		..EIXO CONJ (PRE MOD BS 312-00-0003).....	S4956	1		
		..SHAFT ASSY (PRE MOD SB 312-00-0003).....				
		..EIXO CONJUNTO TREM DE POUSO PRINCIP (PARA DETALHES VEJA TP 2303/066).....	S4956	1	C	
		..SHAFT ASSY (FOR DETAILS SEE TP 2303/066).....				
		..CONTRA PINO (PF).....	96906	1		
		..PIN, COTTER (AP).....				
		..PORCA (PF).....	88044	1		
		..NUT (AP).....				
		..ARRUELA (PF).....	88044	1		
		..WASHER (AP).....				
		..ARRUELA (PF).....	S4956	1		
		..WASHER (AP).....				
		..ARRUELA (PF).....	S4956	1	A	
		..WASHER (AP).....				
		..ARRUELA (PF).....	S4956	1	B	
		..WASHER (AP).....				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
38	312-10304-001	.EIXO (PRE MOD BS 312-00-0003)..... SHAFT (PRE MOD SB 312-00-0003).....	S4956	1		
39	312-08394-001	.FLANGE (PRE MOD BS 312-00-0003)..... FLANGE (PRE MOD SB 312-00-0003).....	S4956	1		
40	MS20365-428C	.PORCA SEX,AUTOF,ACO (PREMOD BS 312-00-0003) (PF)..... NUT,HEX,STEEL (PRE MOD SB 312-00-0003) (AP).....	96906	1		
41	AN960-416	.ARRUELA PLANA (PRE MOD BS 312-00-0003) (PF)..... WASHER,FLAT (PRE MOD SB 312-00-0003) (AP).....	88044	1		
42	AN4-17A	.PINO ROSCADO (PRE MOD BS 312-00-0003) (PF)..... BOLT,HEXAGON HEAD,STEEL (PRE MOD SB 312-00-0003) (AP).....	88044	1		
43	312-11049-003	HASTE CONJ..... ROD ASSY.....	S4956	1		
44	MS21042-4	.PORCA SEXT AUTO-FRENANTE,ACO (PF)..... NUT, HEX,SELF-LOCKING,SEEL (AP).....	96906	2		
45	AN960-416	ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
46	AN4-7A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
47	312-10281-003	.HASTE..... ROD.....	S4956	1		
48	HM-4N	.TERMINAL ROTULADO..... ROD END, BEARING.....	73134	2		
49	PIP 1016	BOTA DE PROTECAO..... DUCT,FLEX,CR/PA.WITH CUFFS,5 IN.....	16632	1		
	AN315-4R	.PORCA SEXTAVADA ACO..... NUT,PLAIN,HEXAGON,STEEL.....	88044	2		
	A3122-10-1	.BRACADEIRA..... CLAMP.....	78553	1		
	MS3367-1-9	.FITA DE FIXACAO..... STRAP, TIEDOWN.....	96906	1		
	PE25041-113-03	.PINO ELASTICO..... PIN, SPRING.....	S4956	1		
	312-10283-001	.CURSOR..... SLIDER.....	S4956	1		
50	312-12331-001	HASTE CONJ..... ROD ASSY.....	S4956	1		
	312-12331-002	HASTE CONJ..... ROD ASSY.....	S4956	1		
51	MS21042-5	.PORCA (PF)..... NUT,HEX,SELF-LOCKING,STEEL (AP).....	96906	1		
52	MS20365-624C	.PORCA (PF)..... NUT (AP).....	96906	1	085224	
	MS21042-6	.PORCA (PF)..... NUT (AP).....	96906	1	225999	
53	PE24020-516	ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	S4956	2		
54	AN960-616	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
55	AN5-17A	.PINO ROSCADO (PF)..... BOLT HEXAGON HEAD STEEL (AP).....	88044	1		
56	AN6-24A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
57	312-10307-013	ESPAÇADOR.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
58	312-10307-015	SPACER..... ESPACADOR.....	S4956	1		
59	312-10307-007	SPACER..... ESPACADOR.....	S4956	1		
60	312-10307-011	SPACER..... ESPACADOR.....	S4956	1		
61	312-10300-001	ALAVANCA..... LEVER.....	S4956	1		
62	312-10059-001	GANCHO,CONJ..... HOOK ASSY.....	S4956	1		
63	MS21042-4	PORCA SEXT AUTO-FRENANTE,ACO (PF)..... NUT, HEX,SELF-LOCKING,SEEL (AP).....	96906	1		
64	AN960-416	ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
65	AN4-13A	PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
66	312-10307-003	ESPACADOR..... SPACER.....	S4956	1		
67	312-10292-001	MOLA..... SPRING.....	S4956	1		
68	312-11049-005	HASTE CONJ..... ROD ASSY.....	S4956	1		
69	MS21042-4	PORCA SEXT AUTO-FRENANTE,ACO (PF)..... NUT, HEX,SELF-LOCKING,SEEL (AP).....	96906	2		
70	AN960-416	ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	6		
71	AN4-7A	PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
72	AN4-13A	PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
73	312-10307-009	ESPACADOR..... SPACER.....	S4956	1		
74	312-10281-005	HASTE..... ROD.....	S4956	1		
75	HM-4N	TERMINAL ROTULADO..... ROD END, BEARING.....	73134	2		
76	PIP 1016	BOTA DE PROTECAO..... DUCT,FLEX,CR/PA,WITH CUFFS.5 IN.....	16632	1		
	MS3367-1-9	FITA DE FIXACAO..... STRAP, TIEDOWN.....	96906	1		
	AN315-4R	PORCA SEXTAVADA ACO..... NUT,PLAIN,HEXAGON,STEEL.....	88044	2		
	PE25041-113-03	PINO ELASTICO..... PIN, SPRING.....	S4956	1		
	312-10283-001	CURSOR..... SLIDER.....	S4956	1		
77	A3122-10-1	BRACADEIRA..... CLAMP.....	78553	1		
78		UTILIZACAO ESPECIFICA USO TEA/AIT ESTRUTURA PERNA DE FORCA INSTL, TDP PRINCIPAL (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... OLEO STRUT STRUCTURE INSTL, MAIN LDG GEAR (FOR DETAILS SEE PUBLICATION NO. T.O. 4A-1-013).....		REF		
		EFETIVIDADES				

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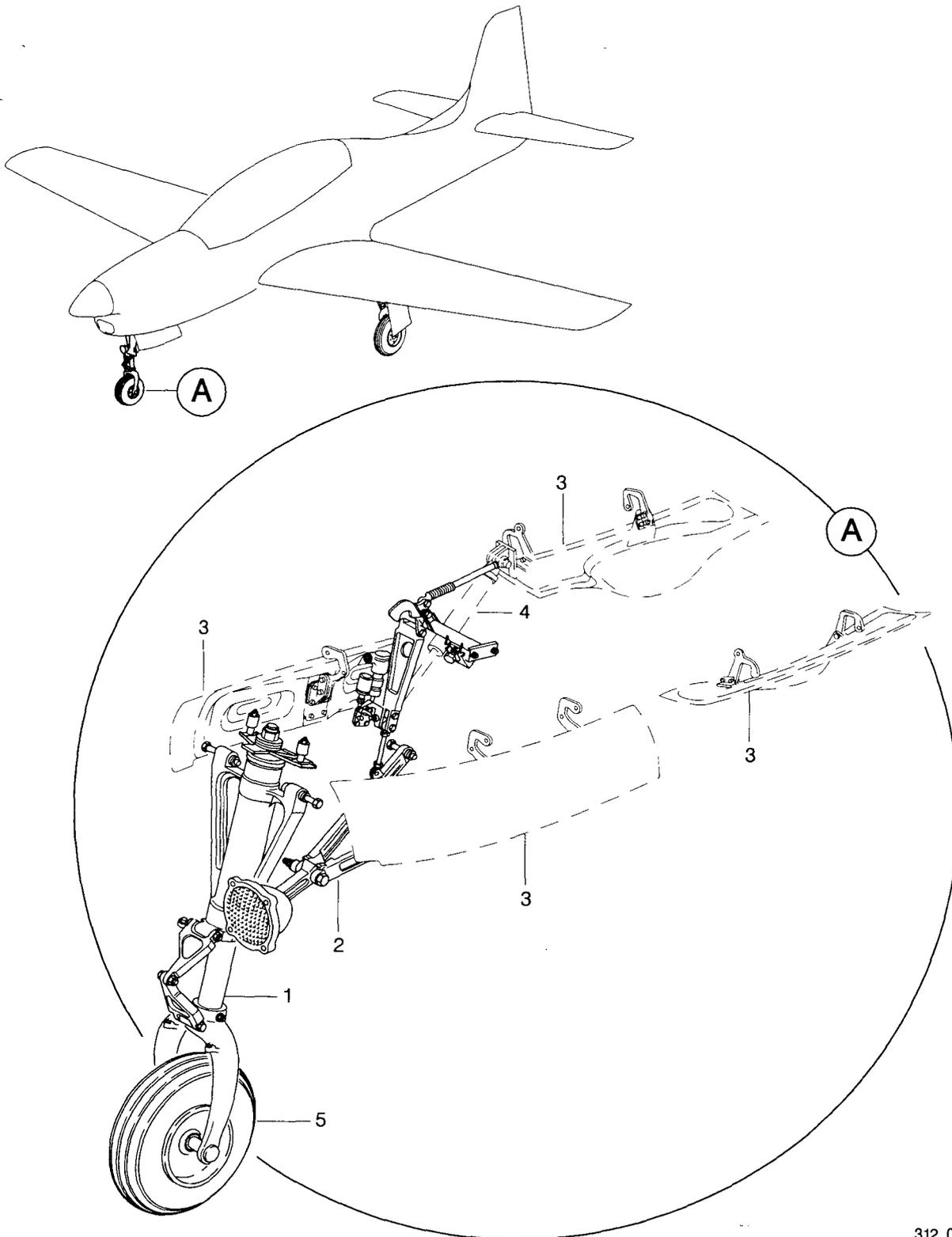
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		<p>USAGE CODE LIST</p> <p>A AVIOES 312105 A 312107, 312110 A 312112, 312115 A 312117, 312122 E SEGUINTE</p> <p>A AIRCRAFT 312105 THRU 312107, 312110 THRU 312112, 312115 THRU 312117, 312122 AND ON</p> <p>B AVIOES 312085 A 312104, 312108, 312109, 312113, 312114, 312118 A 312121</p> <p>B AIRCRAFT 312085 THRU 312104, 312108, 312109, 312113, 312114, 312118 THRU 312121</p> <p>C AVIOES 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395, 312398 (POS MOD BS 312-00- 0003)</p> <p>C AIRCRAFT 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395, 312398 (POST MOD SB 312-00-0003)</p>				

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312 0432 0093

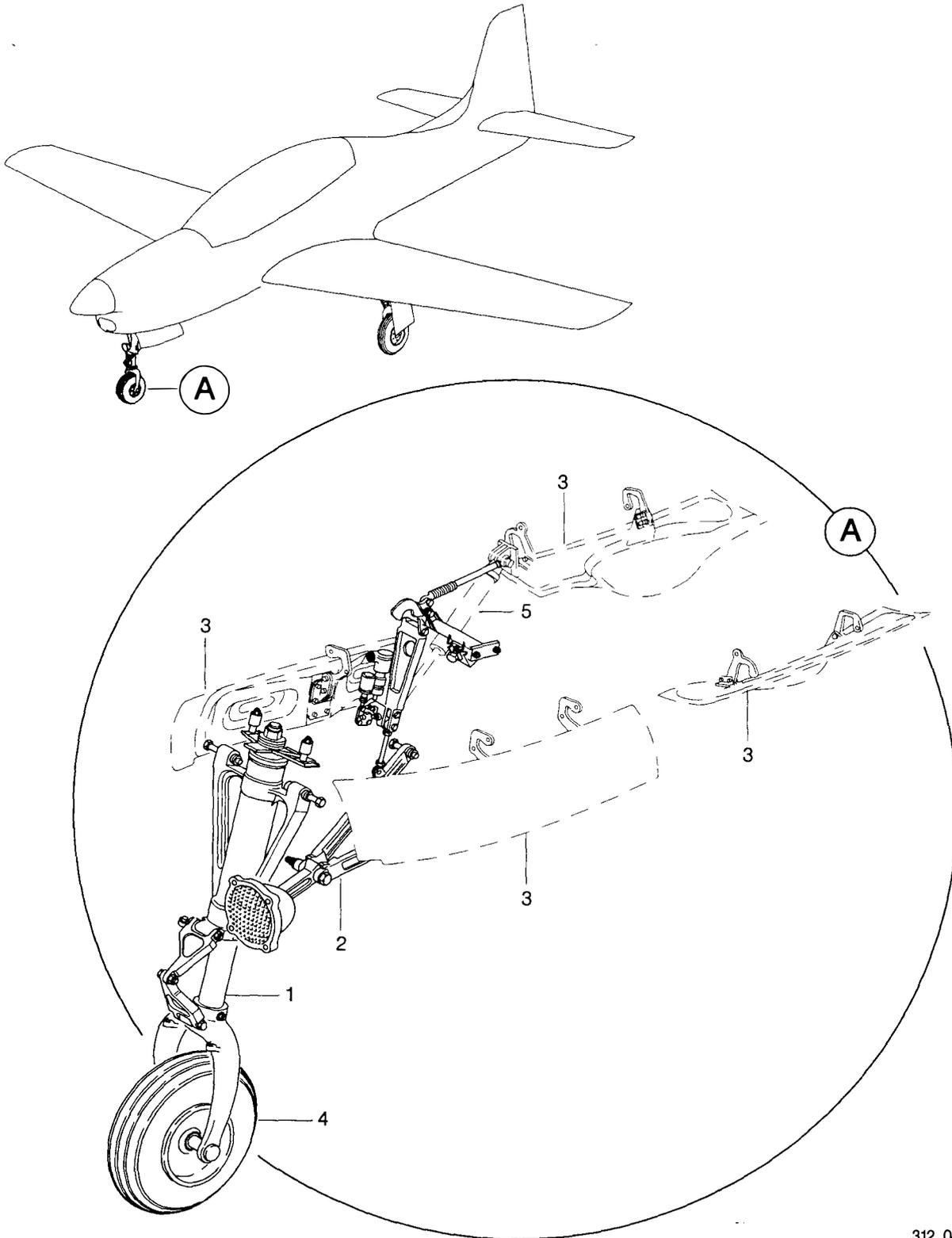
FIGURA 01. TREM DE POUSO AUXILIAR E PORTAS INSTL  
FIGURE 01. NOSE LANDING GEAR & WHEELWELL DOORS INSTL

**32-20-00**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TREM DE POUSO AUXILIAR E PORTAS INSTL.....		REF	006084	
1		NOSE LANDING GEAR & WHEELWELL DOORS INSTL .. TREM DE POUSO AUXILIAR INSTL (PARA DETALHES VEJA FIG 32-20-01-01).....		NOB		
2		NOSE LANDING GEAR INSTL (FOR DETAILS SEE FIG 32-20-01-01).....		NOB		
3		.. TREM DE POUSO AUXILIAR, MECANISMO (PARA DET ALHES VEJA FIG 32-20-02-01).....		REF		
4		MECHANISM, NOSE LANDING GEAR (FOR DETAILS SEE FIG 32-20-02-01).....		REF		
5		. PORTAS DO TREM DE POUSO INSTL (VEJA CAP 52).....		REF		
		LANDING GEAR WHEELWELL DOORS INSTL (SEE CHAPTE R 52).....				
		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29).....				
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 3 & 8 (SEE CHAPTER 29).....				
		. RODA EQUIPADA E PNEU DO TDP DE NARIZ INSTL ( VEJA FIG 32-40-01-01).....				
		EQUIPPED NOSE WHEEL & TIRE INSTL (SEE FIG 32-4 0-01-01).....				

32-20-00



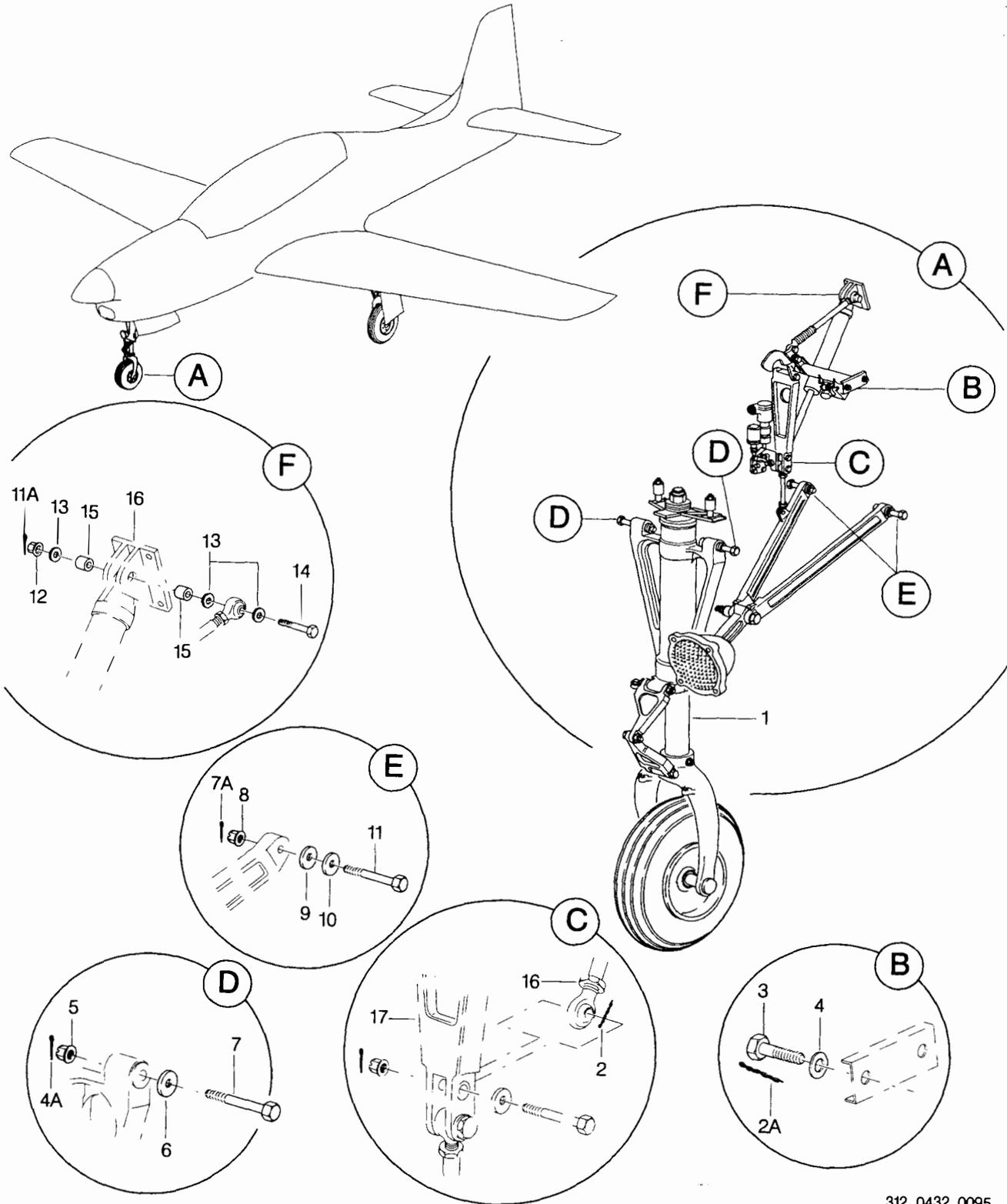
312 0432 0094

FIGURA 02. TREM DE POUSO AUXILIAR E PORTAS INSTL  
FIGURE 02. NOSE LANDING GEAR AND WHEELWELL DOORS INSTL

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		TREM DE POUSO AUXILIAR E PORTAS INSTL..... NOSE LANDING GEAR AND WHEELWELL DOORS INSTL		REF	085999	
1		.. TREM DE POUSO AUXILIAR INSTL (PARA DETALHES VEJA FIG 32-20-01-02)..... NOSE LANDING GEAR INSTL (FOR DETAILS SEE FIG 32-20-01-02).....		NOB		
2		.. TREM DE POUSO AUXILIAR MECANISMO (PARA DETA LHES VEJA FIG 32-20-02-02)..... MECHANISM, NOSE LANDING GEAR (FOR DETAILS SEE FIG 32-20-02-02).....		NOB		
3		. PORTAS DO TREM DE POUSO INSTL (VEJA CAP 52)..... LANDING GEAR WHEELWELL DOORS INSTL (SEE CHAPTE R 52).....		REF		
4		.. RODA EQUIPADA E PNEU INSTL, TREM DE POUSO A UXILIAR (PARA DETALHES VEJA FIG 32-40-01-02)..... EQUIPPED NOSE WHEEL & TIRE INSTL (FOR DETAILS SEE FIG 32-40-01-02).....		NOB		
5		. SIST HIDRAULICO PRINCIPAL INSTL, ENTRE AS CA V 3 E 8 (VEJA CAP 29)..... MAIN HIDR PWR SPLY SYS INSTL, BETWEEN FRAMES 3 & 8 (SEE CHAPTER 29).....		REF		



312 0432 0095

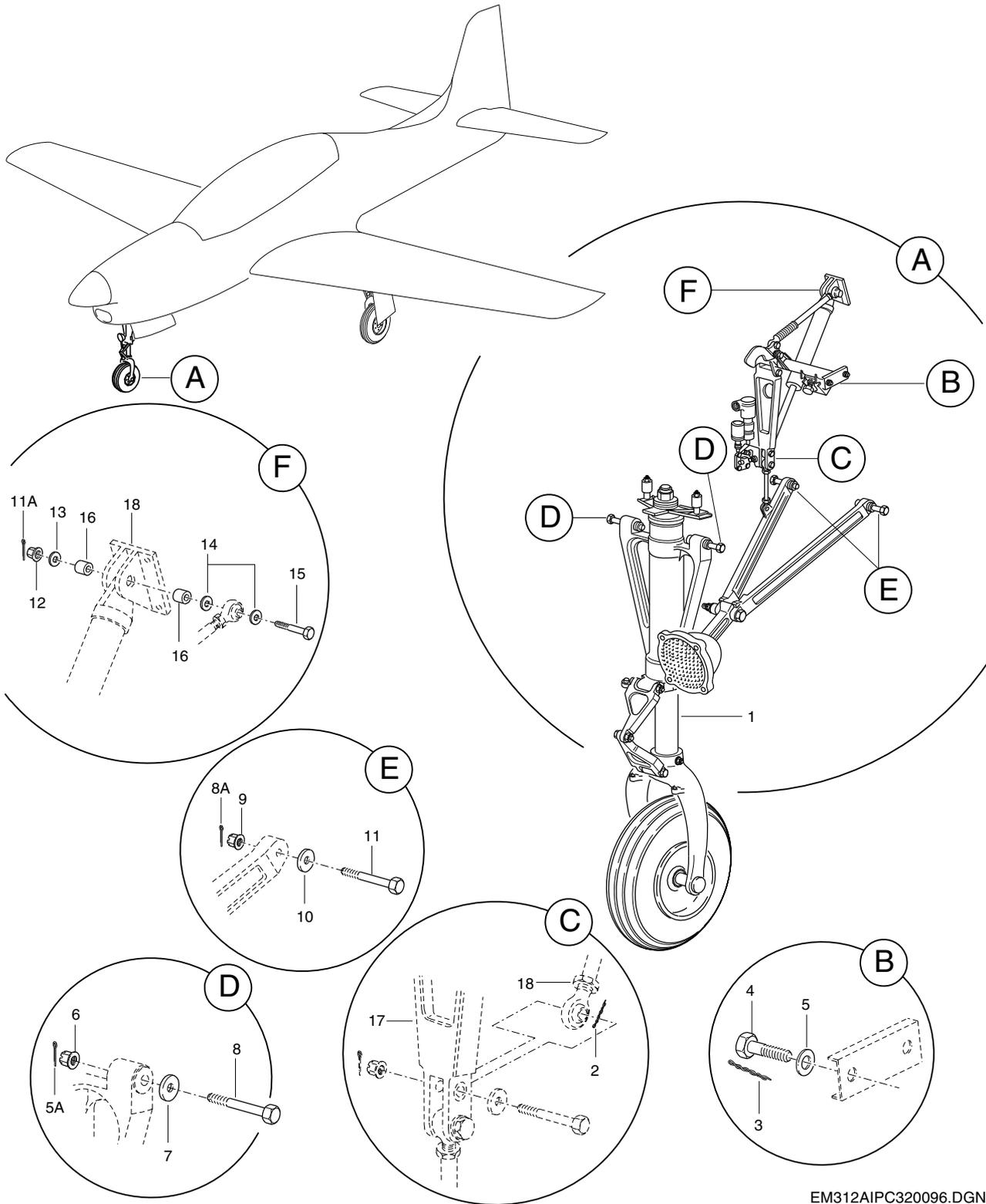
FIGURA 01. TREM DE POUSO AUXILIAR INSTL  
FIGURE 01. NOSE LANDING GEAR INSTL

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TREM DE POUSO AUXILIAR INSTL..... NOSE LANDING GEAR INSTL.....		REF	006084	
1		.. ESTRUTURA DA PERNA DE FORCA CONJ, TDP DE NA RIZ (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A -1-023)..... OLEO STRUT STRUCTURE ASSY, NOSE LANDING GEAR (FOR DETAILS SEE PUBLICATION NO. O.T. 4A-1-023 ).....		NOB		
2	MS20995C20	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	AR		
2 A	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
3	23	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
4	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4		
4 A	MS24665-353	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	S4956	2		
5	AN310-9	.PORCA SEXTAVADA CASTELO, ACO (PF)..... NUT, HEXAGON, CASTELLATED, STEEL (AP).....	88044	2		
6	NAS1149F0963P	.ARRUELA PLANA, ACO (PF)..... WASHER, FLAT, STEEL (AP).....	80205	2		
7	AN9-32	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
7 A	MS24665-283	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
8	AN310-7	.PORCA (PF)..... NUT (AP).....	88044	2		
9	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	2		
10	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	2		
11	AN177-23	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
11 A	MS24665-153	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
12	AN310-5	.PORCA SEXTAVADA CASTELO, ACO (PF)..... NUT, HEXAGON, CASTELLATED, STEEL (AP).....	88044	1		
13	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	3		
14	AN5-17	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
15	42129-003	.BUCHA..... BUSHING.....	77294	2		
16		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 3 & 8 (SEE CHAPTER 29).....		REF		
17		. MECANISMO DO TREM DE POUSO DE NARIZ INSTL (V EJA FIG 32-20-02-01)..... NOSE LANDING GEAR MECHANISM INSTL (SEE FIG 32- 20-02-01).....		REF		

32-20-01



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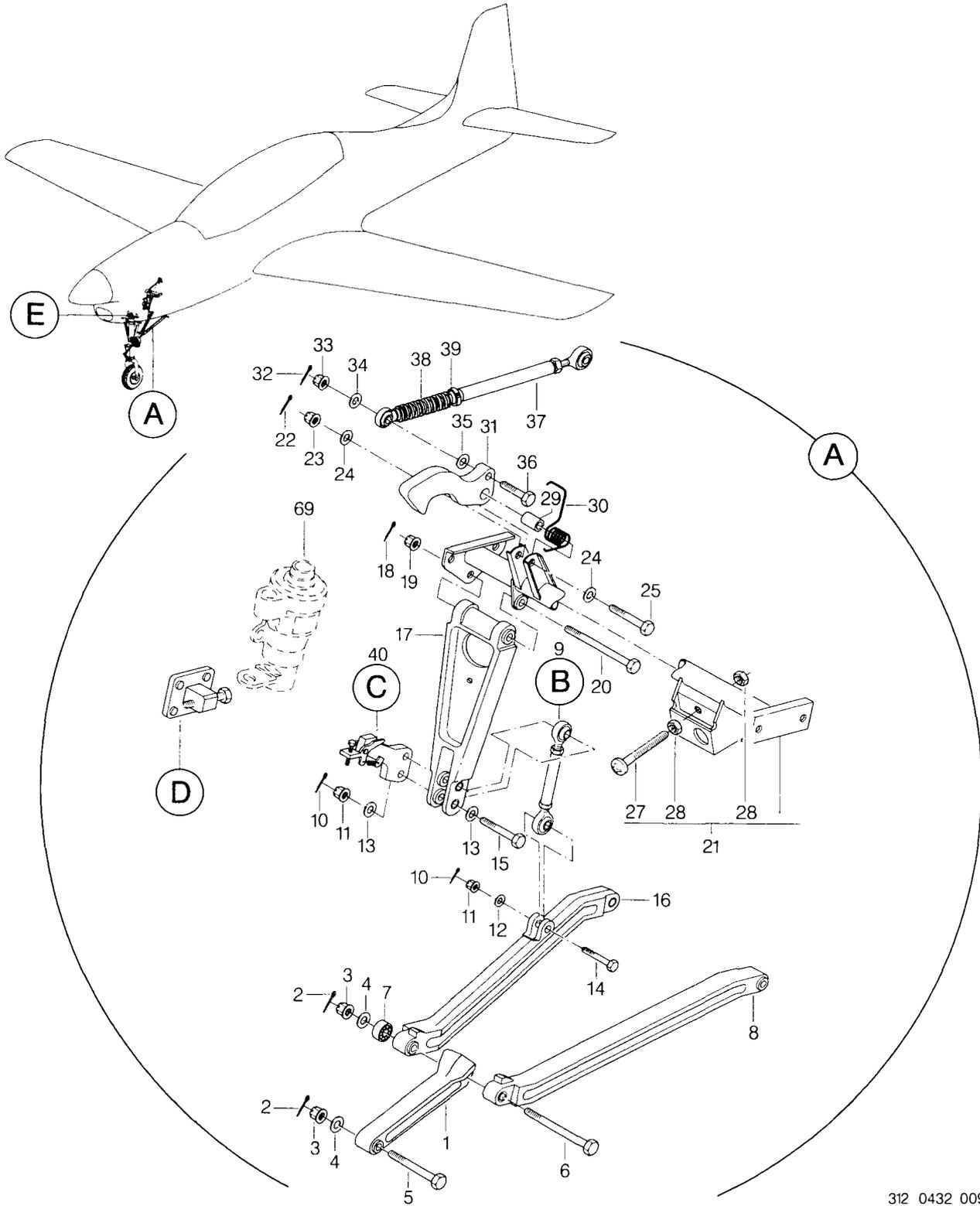
FIGURA 02. TREM DE POUSO AUXILIAR INSTL  
FIGURE 02. NOSE LANDING GEAR INSTL

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		TREM DE POUSO AUXILIAR INSTL .....		REF	85999	
1		NOSE LANDING GEAR INSTL .....		NOB		
		.UTILIZACAO ESPECIFICA USO TEA/AIT ESTRUTURA DA PERNA DE FORCA CONJ, TDP DE NARIZ (PARA DETALHES VEJA PUBLICACAO N° OT 4A-1-023) .....				
		OLEO STRUT S TRUCTURE ASSY, NOSE LANDING GEAR (FOR DETAILS SEE PUBLICATION N° O.T.4A-1-023) .....				
2	MS20995C20	.ARAME DE FRENO (PF).....	96906	CR		
		LOCKWIRE (AP) .....				
3	MS20995C32	.ARAME DE FRENO (PF).....	96906	CR		
		WIRE-LOCK,SSTEEL (AP) .....				
4	AN4H5A	.PINO ROSCADO (PF) .....	88044	4		
		BOLT (AP).....				
5	AN960-416	.ARRUELA PLANA (PF) .....	88044	4		
		WASHER,FLAT (AP) .....				
5A	MS24665-353	.CONTRA PINO (PF) .....	001Jk	2		
		PIN,COTTER (AP).....				
6	AN310-9	.PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	2		
		NUT, HEXAGON,CASTELLATED, STEEL (AP) .....				
7	312-05721-003	.ARRUELA (ALTERNATIVA USE P/N NAS1149F1963P) (PF)	001Jk	2		
		WASHER,NLG (ALTERNATIVE USE P/N NAS1149F1963P) (AP).....				
	NAS1149F0963P	.ARRUELA PLANA,ACO (PF) .....	80205	2		
		WASHER,FLAT,STEEL (AP) .....				
8	AN9-32	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP).....				
8A	MS24665-283	.CONTRA PINO (PF) .....	96906	2		
		PIN,COTTER (AP).....				
9	AN310-7	.PORCA (PF) .....	88044	2		
		NUT (AP).....				
10	AN960-716	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER (AP) .....				
11	AN177-22	.PINO ROSCADO (PF) .....	88044	2		
		BOLT (AP).....				
11A	MS24665-153	.CONTRA PINO (PF) .....	96906	1		
		PIN,COTTER (AP) .....				
12	AN310-5	.PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	1		
		NUT,HEXAGON, CASTELLA TED, STEEL (AP) .....				
13	AN960-516L	.ARRUELA PLANA ,ACO (PF) .....	88044	1		
		WASHER, FLAT, STEEL (AP) .....				
14	AN960-516	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
15	AN5-17	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
16	312-10307-001	.ESPACADOR .....	001Jk	2		
		SPACER.....				
17		UTILIZACAO ESPECIFICA USO TEA/AIT MECANISMO DO TDP DE NARIZ (VEJA FIG 32-20-02-02) .....		REF		
		NOSE LANDING GEAR MECHANISM (SEE FIG 32-20-02-02)				
18		UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29) .....		REF		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG,BETWEEN FRAMES 3 & 8 (SEE CHAPTER 29).....				



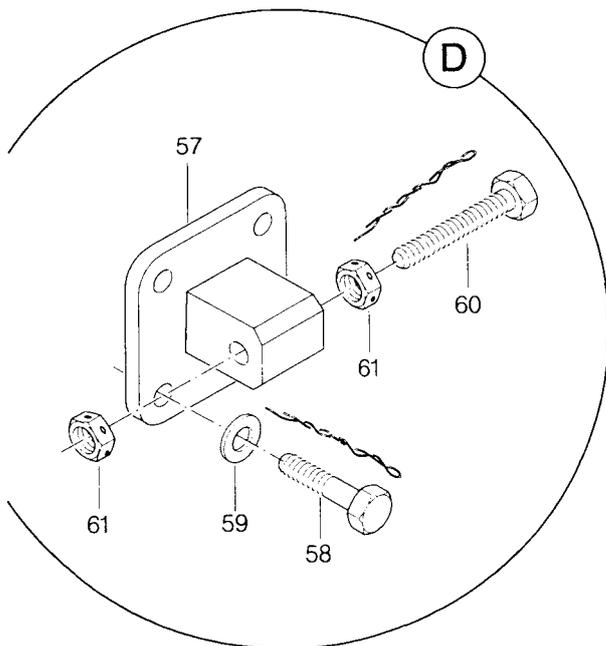
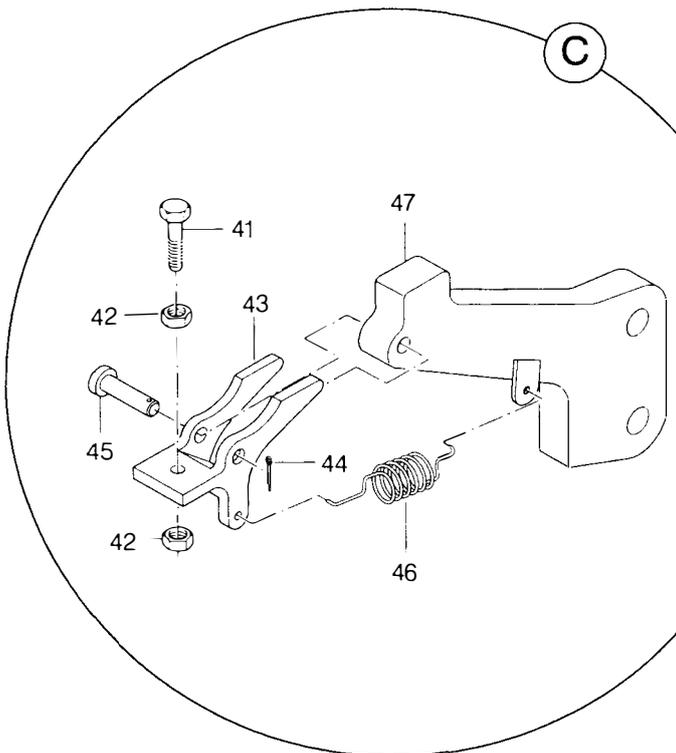
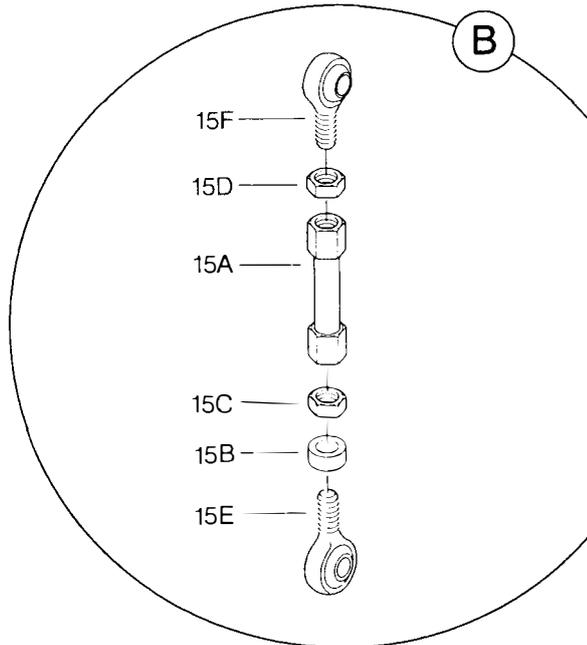
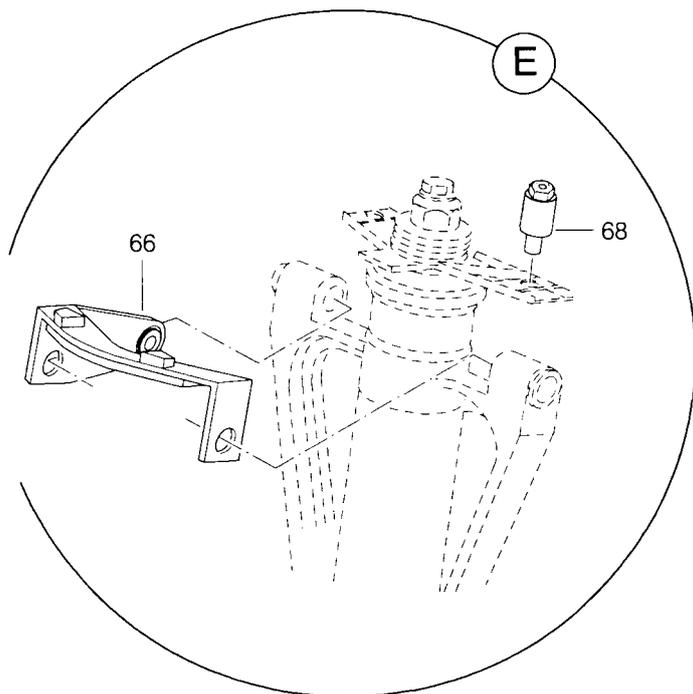
312 0432 0097

FIGURA 01. MECANISMO DO TREM DE POUSO DE NARIZ INSTL (FOLHA 1 DE 2)  
FIGURE 01. NOSE LANDING GEAR MECHANISM INSTL (SHEET 1 OF 2)

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312 0432 0098

FIGURA 01. MECANISMO DO TREM DE POUSO DE NARIZ INSTL (FOLHA 2 DE 2)  
 FIGURE 01. NOSE LANDING GEAR MECHANISM INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		MECANISMO DO TREM DE POUSO DE NARIZ INSTL..... NOSE LANDING GEAR MECHANISM INSTL.....		REF	006084	
1	40317-000	.HASTE CONJ.....	77294	1		
2	MS24665-283	.LINK ASSY.....	96906	2		
3	AN310-7	.CONTRA PINO (PF)..... .PIN, COTTER (AP).....	88044	2		
4	AN960-716	.PORCA (PF)..... .NUT (AP).....	88044	2		
5	AN177-25	.ARRUELA PLANA (PF).....	88044	1		
6	AN177-37	.WASHER (AP)..... .PINO ROSCADO (PF).....	88044	1		
7	7NBC1015YJ	.BOLT (AP)..... .PINO ROSCADO (PF).....	60380	1		
8	40335-000	.BOLT (AP)..... .ROLAMENTO.....	77294	1		
9	41790-000	.BEARING..... .HASTE CONJ.....	77294	1		
	312-10271-001	.ROD ASSY, JOINT NLG..... .HASTE CONJ (QUANDO ESGOTAR USE P/N=312-10271-501) (PRE MOD BS 312-32-0032).....	S4956	1		
	312-10271-501	.ROD ASSY (WHEN EXHAUSTED USE P/N=312-10271-501) (PRE MOD SB 312-32-0032)..... .HASTE CONJ (QUANDO ESGOTAR USE P/N=312-10271-501) (PRE MOD BS 312-32-0032).....	S4956	1		
10	MS24665-134	.ROD ASSY (WHEN EXHAUSTED USE P/N=312-10271-501) (PRE MOD SB 312-32-0032)..... .HASTE CONJ ACION TREM AUXILIAR (POS MOD BS 312-32-0032).....	96906	2		
11	AN310-4	.ROD ASSY (POST MOD SB 312-32-0032)..... .CONTRA PINO (PF).....	88044	2		
12	AN960-416	.PIN, COTTER (AP)..... .PORCA SEXTAVADA CASTELO.ACO (PF).....	88044	1		
13	AN960-416L	.NUT (AP)..... .ARRUELA PLANA (PF).....	88044	2		
14	AN4-12	.WASHER, FLAT (AP)..... .ARRUELA PLANA, ACO (PF).....	88044	1		
15	AN4-16	.WASHER, FLAT, STEEL (AP)..... .PINO ROSCADO (PF).....	88044	1		
15 A	41790-2	.BOLT, HEXAGON HEAD, STEEL (AP)..... .PINO ROSCADO (PF).....	S4956	1		
15 B	312-10342-001	.BOLT, HEXAGON HEAD, STEEL (AP)..... .TERMINAL CONJ (QUANDO ESGOTAR USE P/N=312-10272-501) (PRE MOD BS 312-32-0032).....	S4956	1		
15 C	AN315-5R	.ROD ASSY (WHEN EXHAUSTED USE P/N=312-10272-501) (PRE MOD SB 312-32-0032)..... .ESPAÇADOR.....	88044	1		
15 D	AN315-5R	.SPACER..... .PORCA (PRE MOD BS 312-32-0032).....	88044	1		
15 E	HMX-4S	.NUT (PRE MOD SB 312-32-0032)..... .PORCA (PRE MOD BS 312-32-0032).....	88044	1		
15 F	HMX-4S	.NUT (PRE MOD SB 312-32-0032)..... .TERMINAL ROTULADO.....	73134	1		
		.ROD END, BEARING..... .TERMINAL ROTULADO (PRE MOD BS	73134	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		312-32-0032)..... ROD END, BEARING (PRE MOD SB 312-32-0032)..... TUBO (QUANDO ESGOTAR USE P/N=312-10272-501) (PRE MOD BS 312-32-0032)..... TUBE (WHEN EXHAUSTED USE P/N=312-10272-501) (PRE MOD SB 312-32-0032).....	S4956	1		
	312-10272-001	..PORCA (POS MOD BS 312-32-0032)..... NUT (POST MOD SB 312-32-0032).....	88044	1		
	AN316-5R	..PORCA (POS MOD BS 312-32-0032)..... NUT (POST MOD SB 312-32-0032).....	88044	1		
	AN316-5L	..TERMINAL ROTULADO (POS MOD BS 312-32-0032).....	73134	1		
	HMXL-4S	ROD END, BEARING (POST MOD SB 312-32-0032)..... TUBO ACION TREM AUXILIAR (POS MOD BS 312-32-0032)..... TUBE DRIVER,NOSEWHEEL LANDING GEAR (POST MOD SB 312-32-0032).....	S4956	1		
16	40336-000	.HASTE CONJ.....	77294	1		
17	312-04725-001	ROD ASSY,JOINT NLG..... .HASTE CONJ.....	S4956	1		
18	MS24665-134	ROD ASSY,JOINT NLG..... .CONTRA PINO (PF).....	96906	1		
19	AN310-4	PIN, COTTER (AP)..... .PORCA SEXTAVADA CASTELO,ACO (PF).....	88044	1		
20	AN4-32A	NUT (AP)..... .PINO ROSCADO (ALTERNATIVA USE PN AN4-32) (PF).....	88044	1	A	
	AN4-32	BOLT (ALTERNATIVE USE PN AN4-32) (AP)..... .PINO ROSCADO (ALTERNATIVA USE PN AN4-32A) (PF).....	88044	1	A	
	NAS6204-48D	BOLT,HEXAGON HEAD,STEEL (ALTERNATIVE USE PN AN4-32A) (AP)..... .PINO ROSCADO (ALTERNATIVA USE PN NAS6204-48) (PF).....	80205	1	B	
	NAS6204-48	BOLT (ALTERNATIVE USE PN NAS6204-48) (AP)..... .PINO ROSCADO (ALTERNATIVA USE PN NAS6204-48D) (PF).....	80205	1	B	
21	312-06305-001	BOLT (ALTERNATIVE USE PN NAS6204-48D) (AP)..... .SUPORTE CONJ.....	S4956	1	A	
	312-06305-501	SUPPORT ASSY..... .SUPORTE.....	S4956	1	B	
22	MS24665-134	SUPPORT..... .CONTRA PINO (PF).....	96906	1		
23	AN310-4	PIN, COTTER (AP)..... .PORCA SEXTAVADA CASTELO,ACO (PF).....	88044	1		
24	AN960-416	NUT (AP)..... .ARRUELA PLANA (PF).....	88044	2		
25	AN4-13	WASHER,FLAT (AP)..... .PINO ROSCADO (PF).....	88044	1		
27	PE21032-3F	BOLT (AP)..... .PARAFUSO.....	S4956	1		
28	NAS509-5	SCREW..... .PORCA (PF).....	80205	2		
29	42129-004	NUT (AP)..... BUCHA..... BUSHING.....	77294	1		

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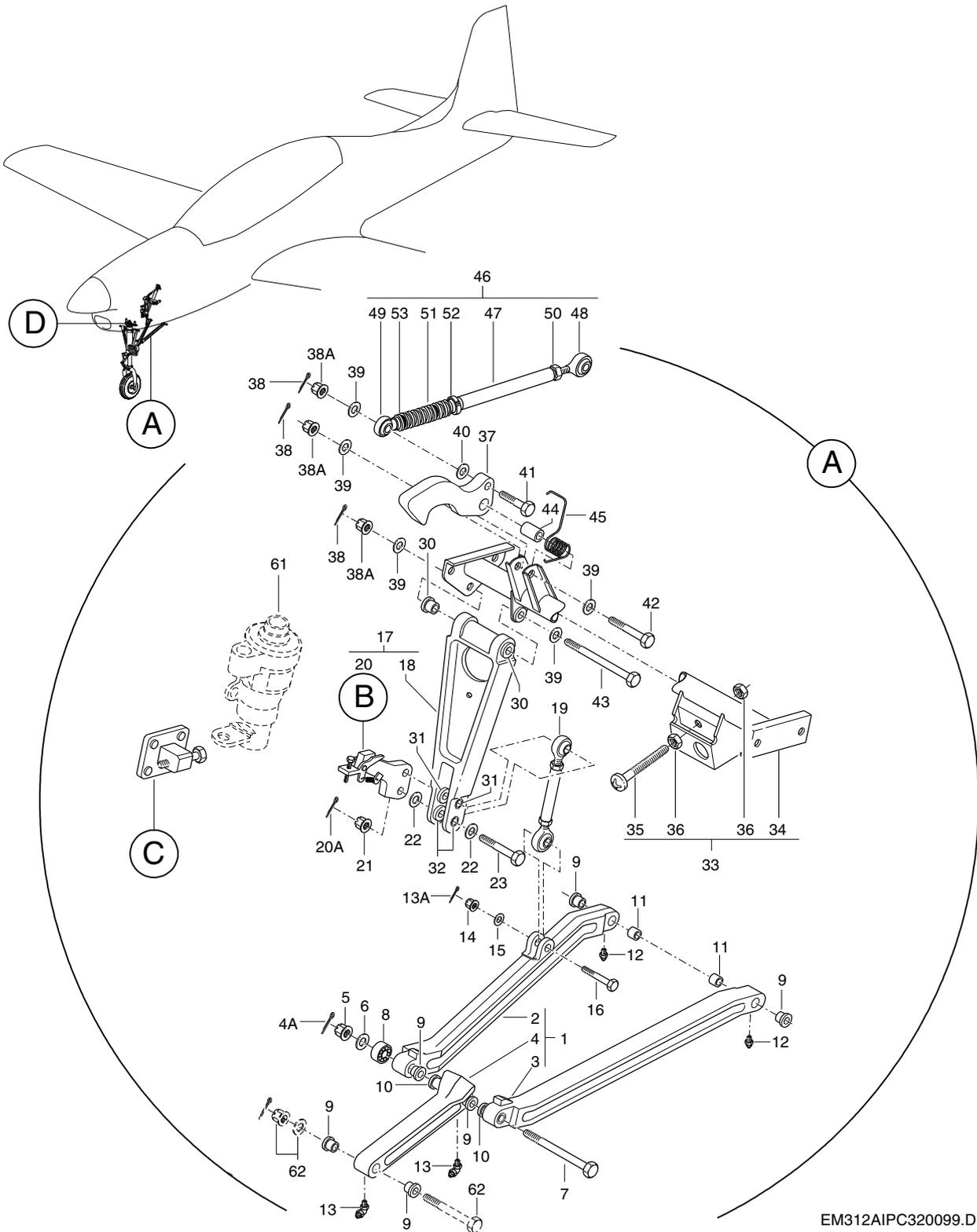
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
30	41796-000	MOLA.....	77294	1		
		SPRING.....				
31	41797-002	.GANCHO.....	77294	1	006024	
		HOOK.....				
	312-10059-003	.GANCHO.....	S4956	1	025084	
		HOOK.....				
32	MS24665-134	.CONTRA PINO (PF).....	96906	1		
		PIN, COTTER (AP).....				
33	AN310-4	.PORCA SEXTAVADA CASTELO, ACO (PF).....	88044	1		
		NUT (AP).....				
34	AN960-416L	.ARRUELA PLANA, ACO (PF).....	88044	1		
		WASHER, FLAT, STEEL (AP).....				
35	AN960-416	.ARRUELA PLANA (PF).....	88044	1		
		WASHER, FLAT (AP).....				
36	AN4-11	.PINO ROSCADO (PF).....	88044	1		
		BOLT, HEXAGON HEAD STEEL (AP).....				
37	312-08409-001	HASTE CONJ.....	S4956	1		
		ROD ASSY.....				
38	PIP 1016	.BOTA DE PROTECAO.....	16632	1		
		DUCT, FLEX, CR/P/A, WITH CUFFS. 5 IN.....				
39	A3122-10-1	.BRACADEIRA.....	78553	1		
		CLAMP.....				
40	312-04678-001	.TRAVA CONJ.....	S4956	1		
		DOWNLOCK ASSY.....				
41	NAS428-3A7	.PINO ROSCADO.....	80205	1		
		BOLT.....				
42	312-04427-001	.PORCA (PF).....	S4956	2		
		NUT, LOCK MECHANISM, NLG (AP).....				
43	312-04680-001	.ALAVANCA.....	S4956	1		
		LEVER.....				
44	MS24665-132	.CONTRA PINO (PF).....	96906	1		
		PIN, COTTER (AP).....				
45	MS20392-1C17	.PINO (PF).....	96906	1		
		PIN, STRAIGHT, HEADED, DRILL SHK, STEEL (AP).....				
46	312-04404-001	.MOLA.....	S4956	1		
		SPRING.....				
47	312-04679-001	.TRAVA.....	S4956	1		
		DOWNLOCK.....				
57	312-04750-001	BATENTE.....	S4956	1		
		STOP ASSY.....				
	MS20995C32	.ARAME DE FRENO (PF).....	96906	CR		
		WIRE-LOCK, S STEEL (AP).....				
58	AN3H4A	.PARAFUSO-CABECA HEXAGONAL, ACO INOX (PF).....	88044	4		
		SCREW (AP).....				
59	AN960-10	.ARRUELA PLANA (PF).....	88044	4		
		WASHER, FLAT (AP).....				
	MS20995C32	.ARAME DE FRENO (PF).....	96906	CR		
		WIRE-LOCK, S STEEL (AP).....				
60	NAS428-4-13	.PINO ROSCADO.....	80205	1		
		BOLT.....				
61	NAS509-4	.PORCA (PF).....	80205	2		
		NUT (AP).....				
66	312-09010-001	BATENTE.....	S4956	1		
		STOP.....				
68	312-05791-001	ROLETE (DIAMETRO 22MM).....	S4956	2		
		ROLLER (DIAMETER 22MM).....				
	312-05791-003	ROLETE (DIAMETRO 21MM).....	S4956	2		
		ROLLER (DIAMETER 21MM).....				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01	312-05791-005	ROLETE (DIAMETRO 21,5MM)..... ROLLER (DIAMETER 21,5MM).....	S4956	2		
	312-05791-007	ROLETE (DIAMETRO 22,5MM)..... ROLLER (DIAMETER 22,5MM).....	S4956	2		
	312-05791-009	ROLETE (DIAMETRO 23MM)..... ROLLER (DIAMETER 23MM).....	S4956	2		
	312-05791-011	ROLETE (DIAMETRO 24MM)..... ROLLER (DIAMETER 24MM).....	S4956	2		
	312-05791-013	ROLETE (DIAMETRO 25MM)..... ROLLER (DIAMETER 25MM).....	S4956	2		
	312-05791-015	ROLETE (DIAMETRO 25,5MM)..... ROLLER (DIAMETER 25,5MM).....	S4956	2		
	312-05791-017	ROLETE (DIAMETRO 26MM)..... ROLLER (DIAMETER 26MM).....	S4956	2		
	312-05791-019	ROLETE (DIAMETRO 26,5MM)..... ROLLER (DIAMETER 26,5MM).....	S4956	2		
69		UTILIZACAO ESPECIFICA USO TEAJAIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SEE CHAPTER 29).....  EFETIVIDADES USAGE CODE LIST A AVIOES 312045 A 312053, 312070 A 312084 (PRE MOD BS 312-032-0003), 312006 A 312044 E 312054 A 312069 A AIRCRAFT 312045 THRU 312053, 312070 THRU 312084 (PRE MOD SB 312-032-0003), 312006 THRU 312044AND 312054 THRU 312069 B AVIOES 312045 A 312053 E 312070 A 312084 (POS MOD BS 312-032-0003) B AIRCRAFT 312045 THRU 312053 AND 312070 THRU 312084 (POST MOD SB 312-032-0003)		REF		



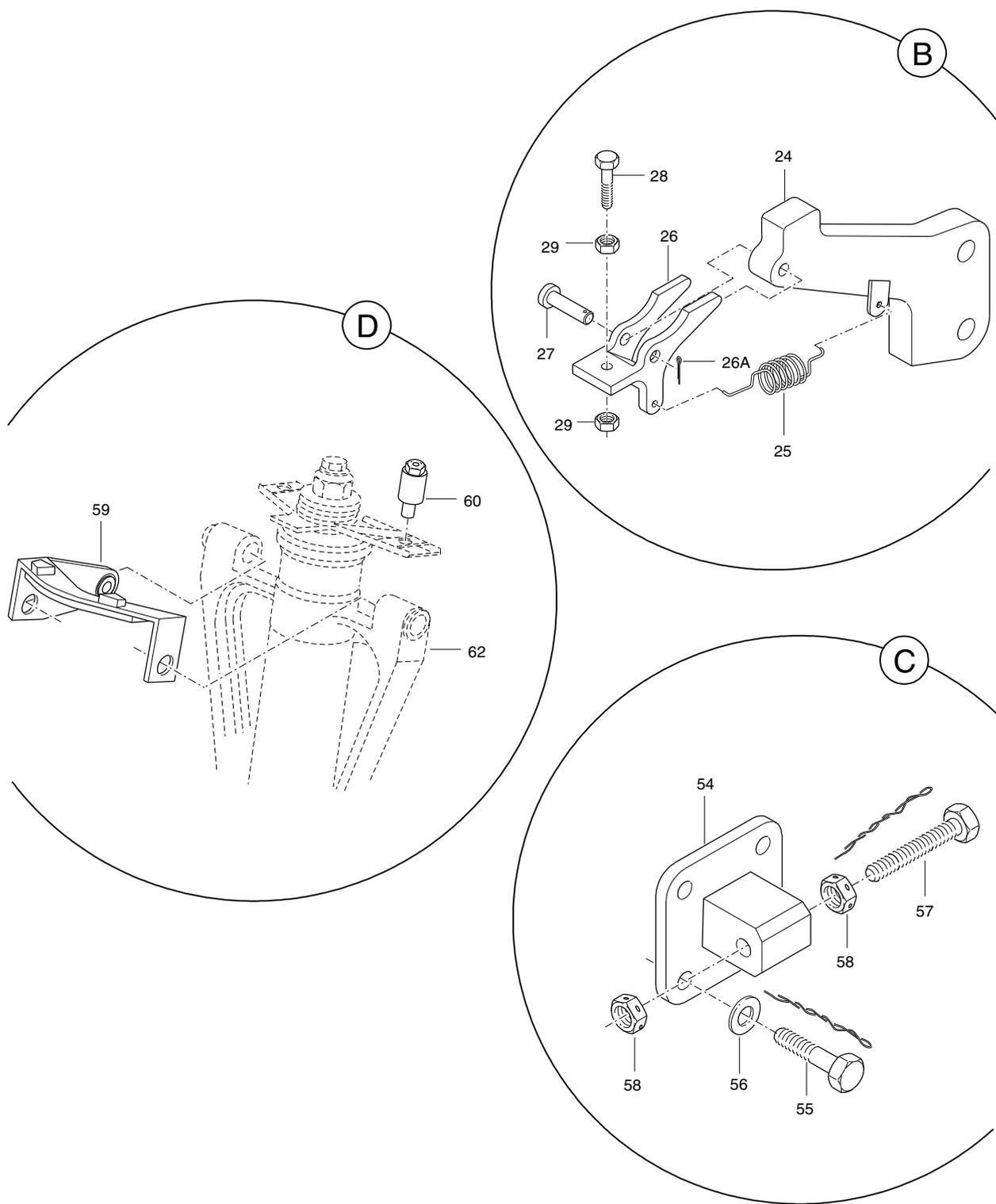
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FIGURA 02. MECANISMO DO TREM DE POUSO DE NARIZ INSTL (FOLHA 1 DE 2)  
 FIGURE 02. NOSE LANDING GEAR MECHANISM INSTL (SHEET 1 OF 2)

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FIGURA 02. MECANISMO DO TREM DE POUSO DE NARIZ INSTL (FOLHA 2 DE 2)  
 FIGURE 02. NOSE LANDING GEAR MECHANISM INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		MECANISMO DO TREM DE POUSO DE NARIZ INSTL .....			85999	
1	312-10380-001	NOSE LANDING GEAR MECHANISM INSTL.....	001JK	1	085431, 440453	
	312-10380-003	ARTICULACAO CONJ..... DRAG LINK ASSY..... .HASTE,CONJ-ARTICULACAO,TREM POUSO AUXILIAR .....			432439, 454999	
2	312-10259-011	JOINT ,NLG .....	001JK	1		
3	312-10259-005	.ROD..... LINK .....	001JK	1	085431, 440453	
	312-10259-009	.ARTICULACAO CONJ..... DRAG LINK ASSY..... .HASTE CONJ-SUPERIOR,TREM AUXILIAR.....	001JK		432439, 454999	
4	312-10255-001	ROD ASSY,UPPER,NLG..... .ARTICULACAO CONJ (PARA REPOSIÇÃO,FORNEÇA P/N 312-10255-005).....	001JK	1	NP	
	312-10255-005	DRAG LINK ASSY (FOR REPLACEMENT, USE P/N 312-10255-005)..... .HASTE,CONJ-INFERIOR,TREM POUSO AUXILIAR .....	001JK	1		
4A	MS24665-283	ROD ASSY,DOWN,NLG..... .CONTRA PINO-BIPARTIDO,ACO (PF) .....	96906	1		
5	AN310-7	PIN,COTTER-SPLIT,STEEL (AP)..... .PORCA (PF) .....	88044	1		
6	AN960-716	NUT (AP) .....	88044	1		
7	AN177-37	.ARRUELA PLANA (PF) .....	88044	1		
8	7NBC1015YJ2C	WASHER (AP)..... .PINO ROSCADO (PF) .....	88044	1		
9	NAS77-7-38	BOLT (AP) .....	60380	1		
10	NAS77-7-68	.ROLAMENTO .....	80205	6		
11	NAS75-7-014	BEARING..... .BUCHA .....	001JK	2		
12	MS15001-1	BUSHING .....	80205	2		
13	MS15002-1	.BUCHA .....	96906	2		
13A	MS24665-134	BUSHING .....	96906	2		
14	AN310-4	.BOCAL DE LUBRIFICACAO .....	96906	1		
15	AN960-416	FITTING, GREASE .....	96906	2		
16	AN4-12	.BOCAL .....	96906	2		
17	312-10340-001	FITTING, GREASE .....	96906	1		
	312-10340-501	.CONTRA PINO (PF) .....	96906	1		
	312-15573-001	PIN,COTTER (AP) .....	88044	1		
18	312-10322-501	.PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	1		
		NUT (AP)..... .ARRUELA PLANA (PF) .....	88044	1		
		WASHER,FLAT (AP) .....	88044	1		
		.PINO ROSCADO (PF) .....	88044	1		
		BOLT, HEXAGON HEAD, STEEL (AP) .....	001JK	1	085235	
		ARTICULACAO CONJ..... DRAG LINK ASSY .....	001JK	1	236384	
		.MECANISMO TRAVA EMBAIXO .....	001JK	1	385999	
		DRIVING ASSY,NOSEWHEEL LANDING GEAR.....	001JK	1		
		.MECANISMO TRAVAMENTO .....	001JK	1		
		LOCK MECHANISM NLG .....	001JK	1		
		.HASTE DE ACIONAMENTO .....	001JK	1		
		ROD, DRIVER, NLG .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
19	312-10271-001	.HASTE CONJ (QUANDO ESGOTAR USE P/N 312-10271-501) (PRE MOD BS 312-32-0032) .....	001JK	1		
	312-10271-501	ROD ASSY (WHEN EXHA USTED USE P/N 312-10271-501) (PRE MOD SB 312-32-0032) .....				
		.HASTE CONJ ACION TREM AUXILIAR (POS MOD BS 312-32- 0032) .....	001JK	1		
		ROD ASSY (POST MOD SB 312-32-0032) .....				
20	312-04678-501	..MECANISMO DA TRAVA CONJ .....	001JK	1		
		DOWNLOCK ASSY .....				
20A	MS24665-134	..CONTRA PINO (PF) .....	96906	2		
		PIN, COTTER (AP).....				
21	AN310-4	..PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	1		
		NUT (AP) .....				
22	AN960-416L	..ARRUELA PLANA ,Aco (PF) .....	88044	4		
		WASHER, FLAT, STEEL (AP).....				
23	AN4-16	..PINO ROSCADO (PF) .....	88044	2		
		BOLT,HEXAGON HEAD,STEEL (AP).....				
23A	312-10272-001	..TUBO (QUANDO ESGOTAR USE P/N 312-10272-501 ) (PRE MOD BS 312-32-0032) .....	001JK	1		
		TUBE (WHEN EXHAUSTED USE P/N 312-10272-501) (PRE MOD SB 312-32-0032) .....				
23B	312-10342-001	..ESPACADOR .....	001JK	1		
		SPACER .....				
23C	AN316-5R	..PORCA .....	88044	1		
		NUT .....				
23D	AN316-5L	..PORCA .....	88044	1		
		NUT .....				
23E	HMX-4S	..TERMINAL ROTULADO .....	73134	1		
		ROD END, BEARING .....				
23F	HMXL-4S	..TERMINAL ROTULADO .....	73134	1		
		ROD END, BEARING .....				
	312-10272-501	..TUBO ACION TREM AUXILIAR (POS MOD BS 312-32-0032) TUBE DRIVER,NOSEWHEEL LANDING GEAR (POST MOD SB 312-32-0032) .....	001JK	1		
24	312-04679-501	..TRAVA .....	001JK	1		
		DOWNLOCK .....				
25	312-04404-001	..MOLA .....	001JK	1		
		SPRING .....				
26	312-04680-001	..ALAVANCA .....	001JK	1		
		LEVER.....				
26A	MS24665-132	..CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP).....				
27	MS20392-1C17	..PINO (PF) .....	96906	1		
		PIN, STRAIGHT,HEADED,DRILL SHK,STEEL (AP) .....				
28	NAS428-3A7	..PARAFUSO-CABECA SEXTAVADA,ROSCA TOTAL,ACO ... BOLT-CROWNED HEXAGON HEAD,FULL THREAD,STEEL ...	80205	1		
29	312-04427-001	..PORCA (PF) .....	001JK	2	085387	
	NAS509-3	NUT, LOCK MECHANISM,NLG (AP) .....				
		..PORCA SEXTAVADA-FURO PARA FRENO, ACO.....	80205	2	085999	
		NUT,HEXAGON-DRILLED,JAM,STEEL .....				
30	NAS77-4-50	..BUCHA .....	80205	2		
		BUSHING .....				
31	312-10232-003	..BUCHA .....	001JK	2		
		BUSHING .....				
32	312-10232-005	..BUCHA .....	001JK	2		
		BUSHING .....				
33	312-10944-501	..TRAVA CONJ (USAR ATE ESGOTAR).....	001JK	1	A	

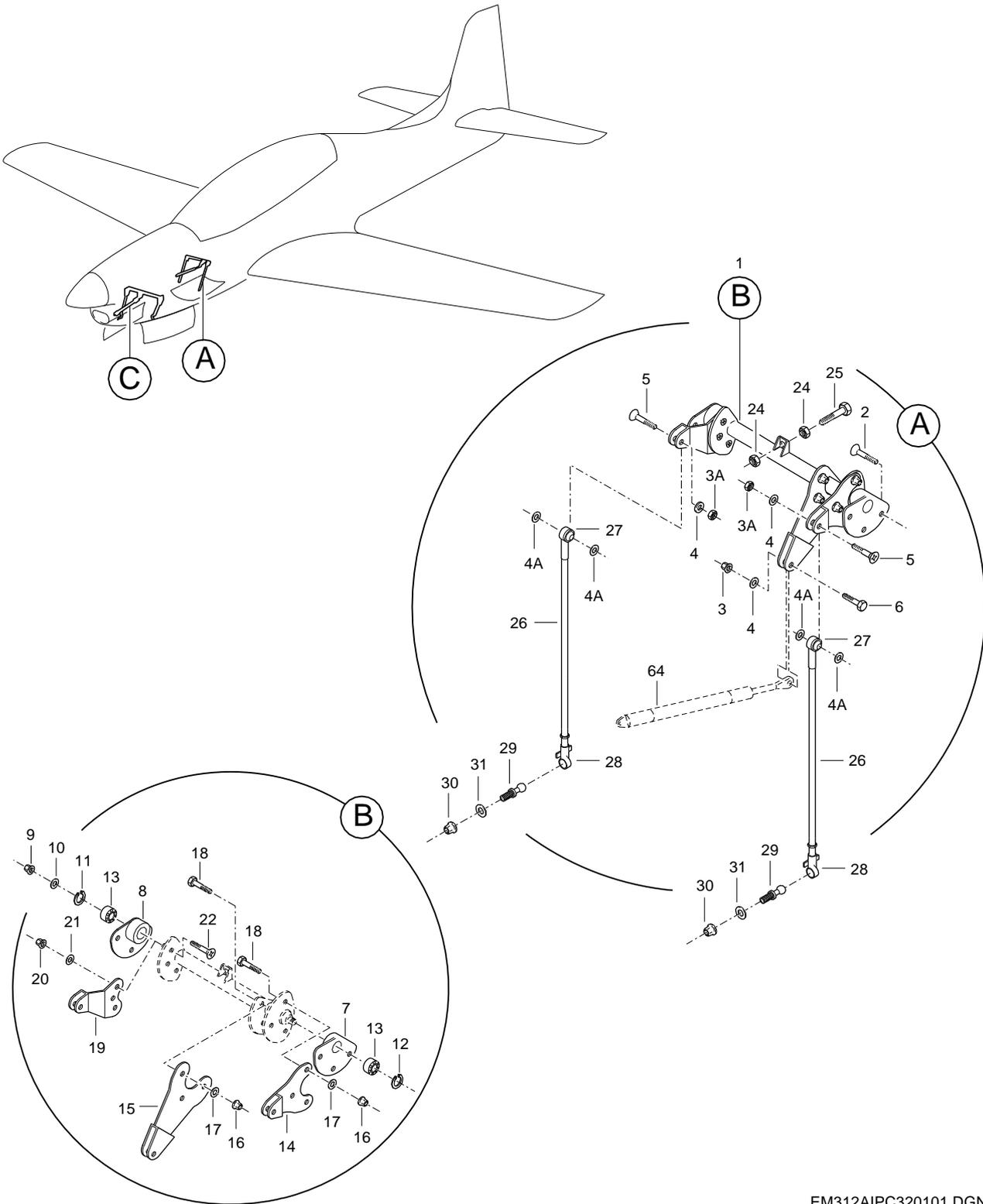
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		UPLOCK ASSY (USE UNTIL EXHAUSTED).....				
	312-10944-001	.SUPORTE CONJ ( PRE MOD BS 312-032-0003) .....	001JK	1	085124	
	312-10944-503	SUPPORT ASSY (PRE MOD SB 312-032-0003).....				
		.TRAVA .....	001JK	1	30999	
		MECHANISM ASSY, UP-LOCK,NLG .....				
34	312-06305-501	..SUPORTE .....	001JK	1	A	
		SUPPORT .....				
	312-06305-001	..SUPORTE CONJ (PRE MOD BS 312-032-0003) .....	001JK	1	085124	
		SUPPORT ASSY (PRE MOD SB 312-32-0003) .....				
35	PE21032-3F	..PARAFUSO .....	001JK	1	085308	
		SCREW .....				
36	NAS509-5	..PORCA (PF) .....	80205	2	085308	
		NUT (AP) .....				
37	312-10059-003	..GANCHO .....	001JK	1	B	
		HOOK.....				
	312-10059-503	..GANCHO CONJ .....	001JK	1	B	
		HOOK ASSY.....				
38	MS24665-134	..CONTRA PINO-BIPARTIDO,ACO (PF) .....	96906	3		
		PIN,COTTER-SPLIT,STEEL (AP).....				
38A	AN310-4	..PORCA SEXTAVADA CASTELO,ACO (PF) .....	88044	3	085308	
		NUT (AP).....				
39	AN960-416	..ARRUELA PLANA (PF) .....	88044	5	085308	
		WASHER, FLAT (AP).....				
40	AN960-416L	..ARRUELA PLANA,ACO (PF) .....	88044	1	085308	
		WASHER, FLAT,STEEL (AP).....				
41	AN4-11	..PINO ROSCADO (PF) .....	88044	1	085308	
		BOLT, HEXAGON HEAD STEEL (AP) .....				
42	AN4-13	..PINO ROSCADO (PF) .....	88044	1	085308	
		BOLT (AP) .....				
43	NAS6204-48D	..PINO ROSCADO (PF) .....	80205	1	A	
		BOLT (AP).....				
	AN4-32	..PINO ROSCADO (PRE MOD BS 312 -032-0003) (PF)	88044	1	085124	
		BOLT, HEXAGON HEAD, STEEL (PRE MOD SB 312-032-0003)				
		(AP) .....				
44	312-10307-003	..ESPACADOR .....	001JK	1	085308	
		SPACER .....				
45	312-10274-001	..MOLA .....	001JK	1	085308	
		SPRING .....				
46	312-11049-001	..HASTE CONJ .....	001JK	1	085308	
		ROD ASSY .....				
47	312-10281-001	..HASTE CONJ .....	001JK	1	085308	
		ROD ASSY .....				
48	312-08408-001	..TERMINAL ROTULADO .....	001JK	1	085308	
		ROD END,BEARING .....				
49	HM-4N	..TERMINAL ROTULADO .....	73134	1	085308	
		ROD END,BEARING .....				
50	AN315-4R	..PORCA SEXTAVADA ACO .....	88044	2	085308	
		NUT PLAIN,HEXAGON STEEL .....				
51	PIP1016	..BOTA DE PROTECAO .....	16632	1	085308	
		DUCT,FLEX, CR/PA, WITH CUFFS.5 1N .....				
52	A3122-10-1	..BRACADEIRA .....	78553	1	085308	
		CLAMP .....				
53	MS3367-1-9	..FITA DE FIXACAO .....	96906	1	085308	
		STRAP, TIEDOWN .....				
	312-10283-001	..CURSOR .....	001JK	1	085308	

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		SLIDER .....				
	PE25041-113-03	...PINO ELASTICO .....	001JK	1	085308	
54	312-04750-001	PIN, SPRING .....				
		.BATENTE .....	001JK	1		
	MS20995C32	STOP ASSY.....				
		.ARAME DE FRENO (PF) .....	96906	CR		
55	AN3H4A	WIRE-LOCK, SSTEEL (AP) .....				
		.PARAFUSO-CABECA HEXAGONAL, ACO INOX (PF) .....	88044	4		
		SCREW (AP) .....				
56	AN960-10	.ARRUELA PLANA (PF) .....	88044	4		
		WASHER, FLAT (AP).....				
57	NAS428-4-13	.PINO ROSCADO .....	80205	1		
		BOLT .....				
58	NAS509-4	.PORCA (PF) .....	80205	2		
		NUT (AP).....				
59	312-09010-001	.BATENTE.....	001JK	1		
		STOP .....				
60	312-05791-001	.ROLETE (DIAMETRO 22MM) .....	001JK	2		
		ROLLER (DIAMETER 22MM) .....				
	312-05791-003	.ROLETE (DIAMETRO 21 MM).....	001JK	2		
		ROLLER (DIAMETER 21MM) .....				
	312-05791-005	.ROLETE (DIAMETRO 21,5MM) .....	001JK	2		
		ROLLER (DIAMETER 21,5MM) .....				
	312-05791-007	.ROLETE (DIAMETRO 22,5MM) .....	001JK	2		
		ROLLER (DIAMETER 22,5MM) .....				
	312-05791-009	.ROLETE (DIAMETRO 23MM) .....	001JK	2		
		ROLLER (DIAMETER 23MM) .....				
	312-05791-011	.ROLETE (DIAMETRO 24MM) .....	001JK	2		
		ROLLER (DIAMETER 24MM) .....				
	312-05791-013	.ROLETE (DIAMETRO 25MM) .....	001JK	2		
		ROLLER (DIAMETER 25MM) .....				
	312-05791-015	.ROLETE (DIAMETRO 25,5MM) .....	001JK	2		
		ROLLER (DIAMETER 25,5MM) .....				
	312-05791-017	.ROLETE (DIAMETRO 26MM).....	001JK	2		
		ROLLER (DIAMETER 26MM) .....				
	312-05791-019	.ROLETE (DIAMETRO 26,5MM) .....	001JK	2		
		ROLLER (DIAMETER 26,5MM) .....				
61		UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29) .....		REF		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SEE CHAPTER 29) .....				
62		UTILIZACAO ESPECIFICA USO TEA/AIT ESTI DA PERNA DE FORCA CONJ, TOP DE NARIZ (VEJA PUBLICACAO NO.O.T.4A-1-023) .....		REF		
		OLEO STRUT STRUCTURE ASSY, NOSE LANDING GEAR (SEE PUBLICA TION NO.T 0.4A-1-023) .....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312085 A 312124 (POS MOD BS 312-032-0003), 312125 A 312308 A AIRCRAFT 312085 THRU 312124 (POST MOD SB 312-032- 0003), 312125 THRU 312308 B AVIOES 312085 A 312193, 312309 E SEQUINTES B AIRCRAFT 312085 THRU 312193,312309 AND ON				



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FIGURA 01. MECANISMO/PORTAS INSTL, TREM DE POUSO DE NARIZ (FOLHA 1 DE 2)  
FIGURE 01. NOSE WHEEL WELL DOOR MECHANISM INSTL (SHEET 1 OF 2)

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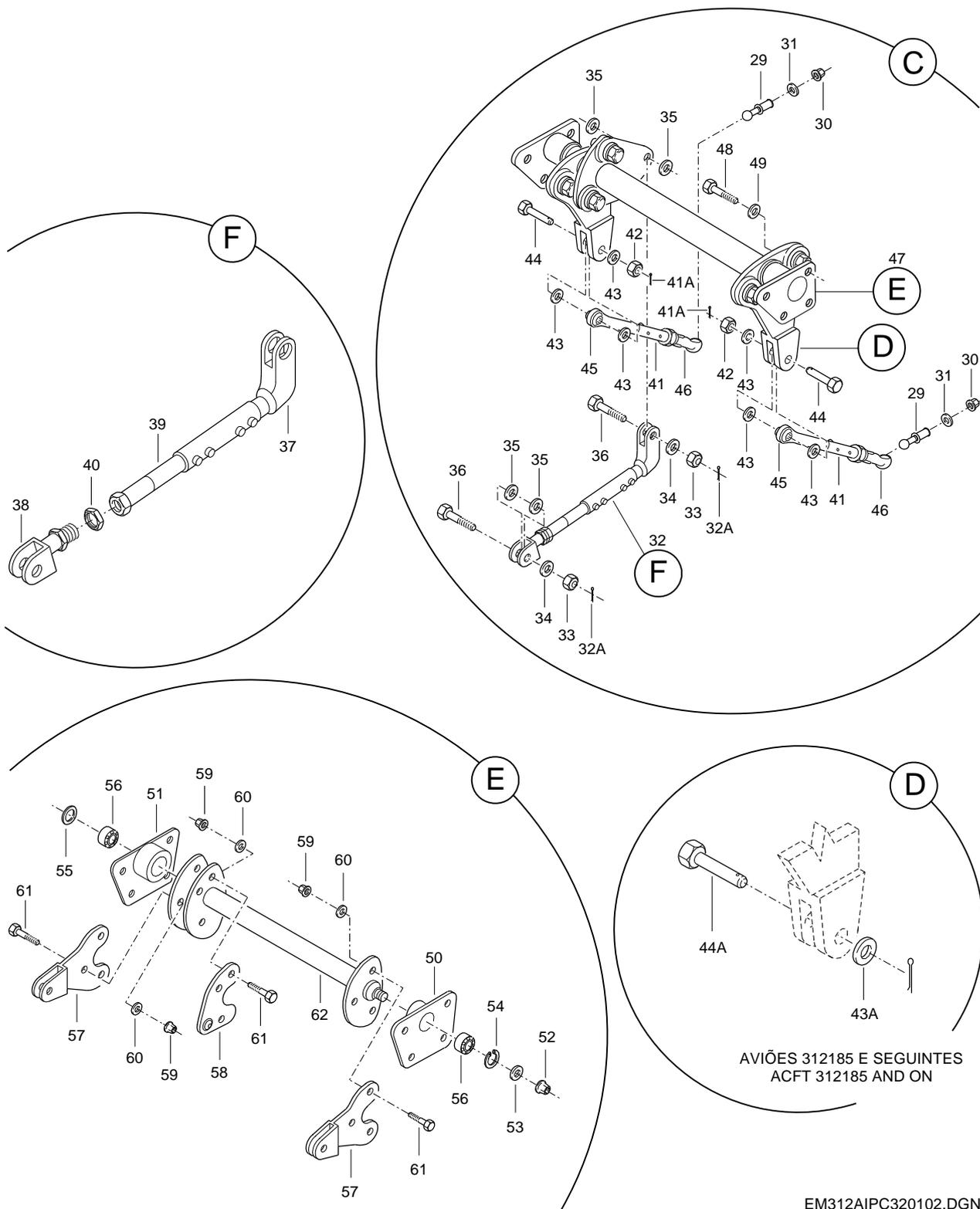


FIGURA 01. MECANISMO/PORTAS INSTL, TREM DE POUSO DE NARIZ (FOLHA 2 DE 2)  
 FIGURE 01. NOSE WHEEL WELL DOOR MECHANISM INSTL (SHEET 2 OF 2)

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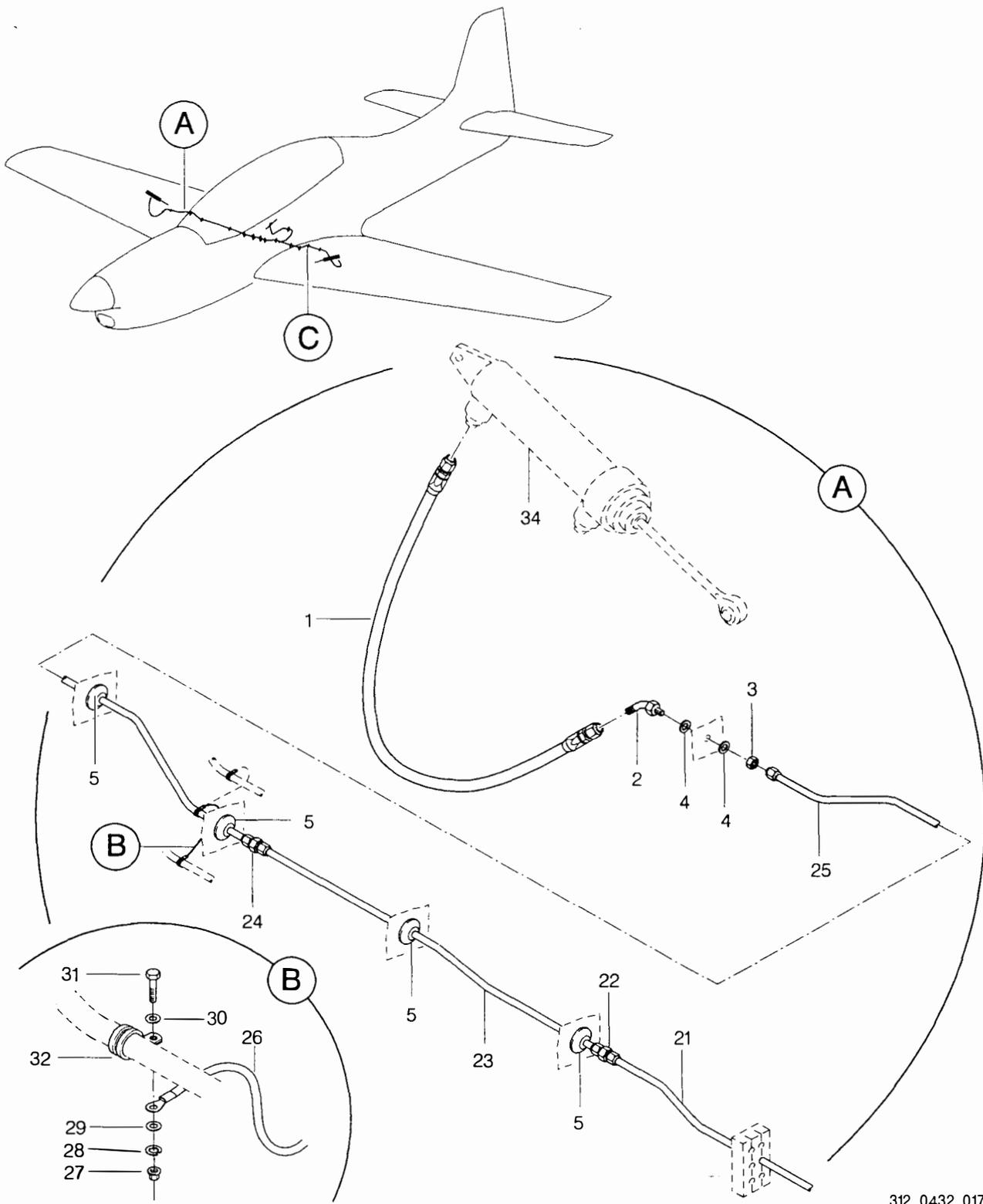
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		MECANISMO/PORTAS INSTL, TREM DE POUSO DE NARIZ. NOSE WHEEL WELL DOOR MECHANISM INSTL.....				
1	312-06624-001	.EIXO TRASEIRO CONJ (INTERCAMBIAVEL SENTIDO UNICO COM P/N 312-06624-501)..... SHAFT ASSY, REAR (ONE WAY INTERCHANGEABLE WITH P/N 312-06624-501).....	001JK	1	006384, 440453	
	312-06624-501	.EIXO, CONJ-TRASEIRO, MECANISMO PORTAS TREM POUSO AUXILIAR..... SHAFT ASSY-REAR, NOSE LANDING GEAR DOORS MECHANISM.....	001JK	1	006999	
2	MS24694C49	.PARAFUSO CAB ESC, EST, F CRUZ, INOX (PF) SCREW (AP) .....	96906	6	A	
	NAS517-3-2	.PARAFUSO (PF) .....	80205	6	B	
	MS24665-71	.CONTRA PINO (PF) .....	96906	1		
3	AN320-3	.PIN, COTTER (AP) .....				
		.PORCA (PF) .....	88044	1		
3A	MS21042L3	.NUT (AP) .....				
		.PORCA (PF) .....	96906	2		
4	AN960-10	.NUT (AP) .....				
		.ARRUELA PLANA (PF) .....	88044	3		
4A	AN960-10L	.WASHER, FLAT (AP) .....				
		.ARRUELA (PF) .....	88044	4	184999	
		.WASHER, FLAT (AP) .....				
5	MS24694C56	.PARAFUSO CAB ESC FENDA CRUZ, ACO (PF) .....	96906	2		
		.SCREW (AP) .....				
6	AN3-10	.PINO ROSCADO (PF) .....	88044	2		
		.BOLT, MACHINE, TRUSS HEAD, STEEL (AP) .....				
7	312-06636-003	.MANCAL ESQUERDO (INTERCAMBIAVEL SENTIDO UNICO COM P/N 312-06636-007)..... BEARING, LEFT (ONE WAY INTERCHANGEABLE WITH P/N 312-06636-007).....	001JK	1	006384, 440453	
	312-06636-007	.MANCAL-EIXO TRASEIRO, MECANISMO, PORTA TDP AUX, AL .....	001JK	1	006999	
		.BEARING-REAR SHAFT, MECHANISM, NLG DOOR, AL .....				
8	312-06636-001	.MANCAL DIREITO (INTERCAMBIAVEL SENTIDO UNICO COM P/N 312-06636-005)..... BEARING, RIGHT (ONE WAY INTERCHANGEABLE WITH P/N 312-06636-005).....	001JK	1	006384, 440453	
	312-06636-005	.MANCAL-EIXO TRASEIRO, MECANISMO, PORTA TDP AUX, AL .....			006999	
		.BEARING-REAR SHAFT, MECHANISM, NLG DOOR, AL .....				
9	MS21042L4	.PORCA .....	96906	1		
		.NUT .....				
10	AN960-416L	.ARRUELA PLANA, ACO .....	88044	1		
		.WASHER, FLAT, STEEL .....				
11	MS16625-1086	.ANEL DE RETENCAO .....	96906	1		
		.RING, RETAINING .....				
12	PE25035-300-03	.ANEL DE RETENCAO .....	001JK	1		
		.RING, RETAINING .....				
13	MS27641-6	.ROLAMENTO .....	96906	2		
		.BEARING, BALL .....				
14	312-06629-001	.GUINHOL..... BELL CRANK .....	001JK	1		
		.GUINHOL..... BELL CRANK .....	001JK	1		
15	312-06631-001	.GUINHOL..... BELL CRANK .....	001JK	1		
		.GUINHOL..... BELL CRANK .....	001JK	1		
16	MS21042L3	.PORCA (PF) .....	96906	6		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>NUT (AP)</i> .....				
17	AN960-10L	..ARRUELA (PF) .....	88044	6		
		<i>WASHER,FLAT (AP)</i> .....				
18	AN3-5A	..PINO ROSCADO (PF) .....	88044	6		
		<i>BOLT (AP)</i> .....				
19	312-06630-001	..GUINHOL (INTERCAMBIAVEL SENTIDO UNICO COM P/N 312-10960-001).....	001JK	1	C	
		<i>BELLCRANK (ONE WAY INTERCHANGEABLE WITH P/N 312-10960-001)</i> .....				
	312-10960-001	..GUINHOL.....	001JK	1	D	
		<i>BELLCRANK</i> .....				
20	MS21042L3	..PORCA (PF) .....	96906	3		
		<i>NUT (AP)</i> .....				
21	AN960-10L	..ARRUELA (PF) .....	88044	3		
		<i>WASHER, FLAT (AP)</i> .....				
22	MS24694C52	..PARAFUSO CAB ESC FENDA CRUZ,ACO (PF) .....	96906	3		
		<i>SCREW (AP)</i> .....				
	MS20995C41	..ARAME DE FRENO .....	96906	CR		
		<i>LOCKWIRE</i> .....				
24	NAS509-4	..PORCA .....	80205	2		
		<i>NUT</i> .....				
25	NAS428KH4-13	..PINO ROSCADO .....	80205	1	006369	
		<i>BOLT</i> .....				
	NAS428H4-12	..PINO ROSCADO .....	80205	1	370999	
		<i>SCREW, HEX HEAD,STEEL</i> .....				
	AN960-416	..ARRUELA PLANA .....	88044	1		
		<i>WASHER,FLAT</i> .....				
26	312-06626-001	..HASTE CONJ .....	001JK	2		
		<i>ROD ASSY</i> .....				
27	PE66046-2-1	..TERMINAL ROTULADO .....	001JK	1		
		<i>ROD END, BEARING</i> .....				
28	RKP12-41-3-2-2	..TERMINAL ROTULADO .....	F0180	1		
		<i>ROD END, BEARING</i> .....				
29	262-06	..ROTULA .....	F0180	4		
		<i>BEARING</i> .....				
30	MS21042L4	..PORCA (PF) .....	96906	4		
		<i>NUT (AP)</i> .....				
31	AN960-416	..ARRUELA PLANA (PF) .....	88044	4		
		<i>WASHER,FLAT (AP)</i> .....				
32	312-09008-001	..HASTE CONJ .....	001JK	1		
		<i>ROD ASSY</i> .....				
32A	MS24665-71	..CONTRA PINO (PF) .....	96906	2		
		<i>PIN, COTTER (AP)</i> .....				
33	AN320-3	..PORCA (PF) .....	88044	2		
		<i>NUT (AP)</i> .....				
34	AN960-10	..ARRUELA PLANA (PF) .....	88044	4		
		<i>WASHER,FLAT (AP)</i> .....				
35	PE24022-1	..ARRUELA PLANA (PF) .....	001JK	4		
		<i>WASHER (AP)</i> .....				
36	AN3-7	..PINO ROSCADO (PF) .....	88044	2		
		<i>BOLT (AP)</i> .....				
37	312-09005-001	..TERMINAL-GARFO .....	001JK	1		
		<i>FORK END</i> .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
38	312-09007-001	..TERMINAL-GARFO ..... FORK END .....	001JK	1		
39	312-09006-001	..BUCHA ..... BUSHING .....	001JK	1		
40	NAS509-5	..PORCA ..... NUT.....	80205	1		
41	312-06627-001	..HASTE CONJ (INTERCAMBIAVEL SENTIDO UNICO COM P/N 312-06627-007)..... ROD ASSY (ONE WAY INTERCHANGEABLE WITH P/N 312-06627-007).....	001JK	2	006480	
	312-06627-007	..TERMINAL ROTULADO,CONJ ..... ROD ASSY .....	001JK	2	006999	
41A	MS24665-71	..CONTRA PINO (PF) ..... PIN, COTTER (AP) .....	96906	2		
	MS24665-5	..CONTRA PINO (PF) ..... PIN,COTTER (AP) .....	001JK	2	185999	
42	AN320-3	..PORCA (PF) ..... NUT (AP) .....	88044	2	006184	
43	AN960-10	..ARRUELA PLANA (PF) ..... WASHER,FLAT (AP) .....	88044	6	006184	
43A	AN960-10L	..ARRUELA (PF) ..... WASHER,FLAT (AP) .....	88044	2	185999	
	AN960-10	..ARRUELA PLANA (PF) ..... WASHER,FLAT (AP) .....	88044	4	185999	
44	AN3-10	..PINO ROSCADO (PF) ..... BOLT,MACHINE, TRUSS HEAD, STEEL (AP).....	88044	2	006184	
44A	MS20392-2C23	..PINO LISO (PF) ..... PIN (AP) .....	96906	2	185999	
45	312-06627-003	..TERMINAL ROTULADO ..... ROD END, BEARING .....	001JK	2		
46	312-06627-005	..TERMINAL (PARA REPOSIÇÃO,FORNEÇA P/N 312-06627-001)..... END-FITTING (FOR REPLACEMENT , PROVIDE P/N 312-06627-001) .....	001JK	2	NP	
47	312-08999-001	..EIXO DIANTEIRO CONJ ..... SHAFT ASSY, FRONT .....	001JK	1		
48	AN3-5A	..PINO ROSCADO (PF) ..... BOLT (AP) .....	88044	8		
49	AN960-10L	..ARRUELA (PF) ..... WASHER,FLAT (AP) .....	88044	8		
50	312-06751-001	..MANCAL ESQUERDO (INTERCAMBIAVEL SENTIDO DUPLO COM P/N 312-06751-005)..... BEARING, LEFT (TWO WAY INTERCHANGEABLE WITH P/N 312-06751-005).....	001JK	1	006999	
	312-06751-005	..MANCAL-EIXO DIANTEIRO,MECANISMO PTA,TREM POUSO AUXILIAR,AL ..... BEARING-FWD SHAFT,NLG DOORS MECH,AL.....	001JK	1	006999	
51	312-06751-003	..MANCAL DIREITO (INTERCAMBIAVEL SENTIDO DUPLO COM P/N 312-06751-007)..... BEARING, RIGHT (TWO WAY INTERCHANGEABLE WITH P/N 312-06751-007).....	001JK	1	006999	
	312-06751-007	..MANCAL-EIXO DIANTEIRO,MECANISMO PORTA TPD,AL ... BEARING-FWD SHAFT,NLG DOORS MECH,AL.....	001JK		006999	
52	MS21042L4	..PORCA ..... NUT.....	96906	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
53	AN960-416L	..ARRUELA PLANA,ACO .....	88044	1		
		WASHER,FLAT,STEEL .....				
54	MS16625-1086	..ANEL DE RETENCAO .....	96906	1		
		RING,RETAINING .....				
55	PE25035-300-03	..ANEL DE RETENCAO .....	001JK	1		
		RING,RETAINING .....				
56	MS27641-6	..ROLAMENTO.....	96906	2		
		BEARING, BALL .....				
57	312-08899-001	..GUINHOL.....	001JK	2		
		BELLCRANK .....				
58	312-06637-001	..GUINHOL.....	001JK	1		
		BELLCRANK .....				
59	MS21042L3	..PORCA (PF) .....	96906	9		
		NUT (AP) .....				
60	AN960-10L	..ARRUELA (PF) .....	88044	9		
		WASHER,FLAT (AP) .....				
61	AN3-5A	..PINO ROSCADO (PF) .....	88044	9		
		BOLT (AP) .....				
	MS14101-3	..MANCAL .....	96906	1		
		BEARING, PLAIN .....				
62	312-08996-001	..TUBO DO EIXO .....	001JK	1		
		SHAFT TUBE .....				
64		..SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 3 E 8 (VEJA CAP 29) .....		REF		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 3 & 8 (SEE CHAPTER 29) .....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312052, 312054 A 312148 E 312150 A 312232 A AIRCRAFT 312006 THRU 312052,312054 THRU 3120148 AND 312150 THRU 312232 B AVIOES 312053, 312149, 312233 E SEGUINTE B AIRCRAFT 312053, 312149, 312233 AND ON C AVIOES 312006 A 312084 (PRE MOD BS 312-052-0006) C AIRCRAFT 312006 THRU 312084 (PRE MOD SB 312-052-0006) D AVIOES 312006 A 312084 (POS MOD BS 312-052-0006),312085 E SEGUINTE D AIRCRAFT 312006 THRU 312084 (POST MOD SB 312-052- 0006),312085 AND ON				



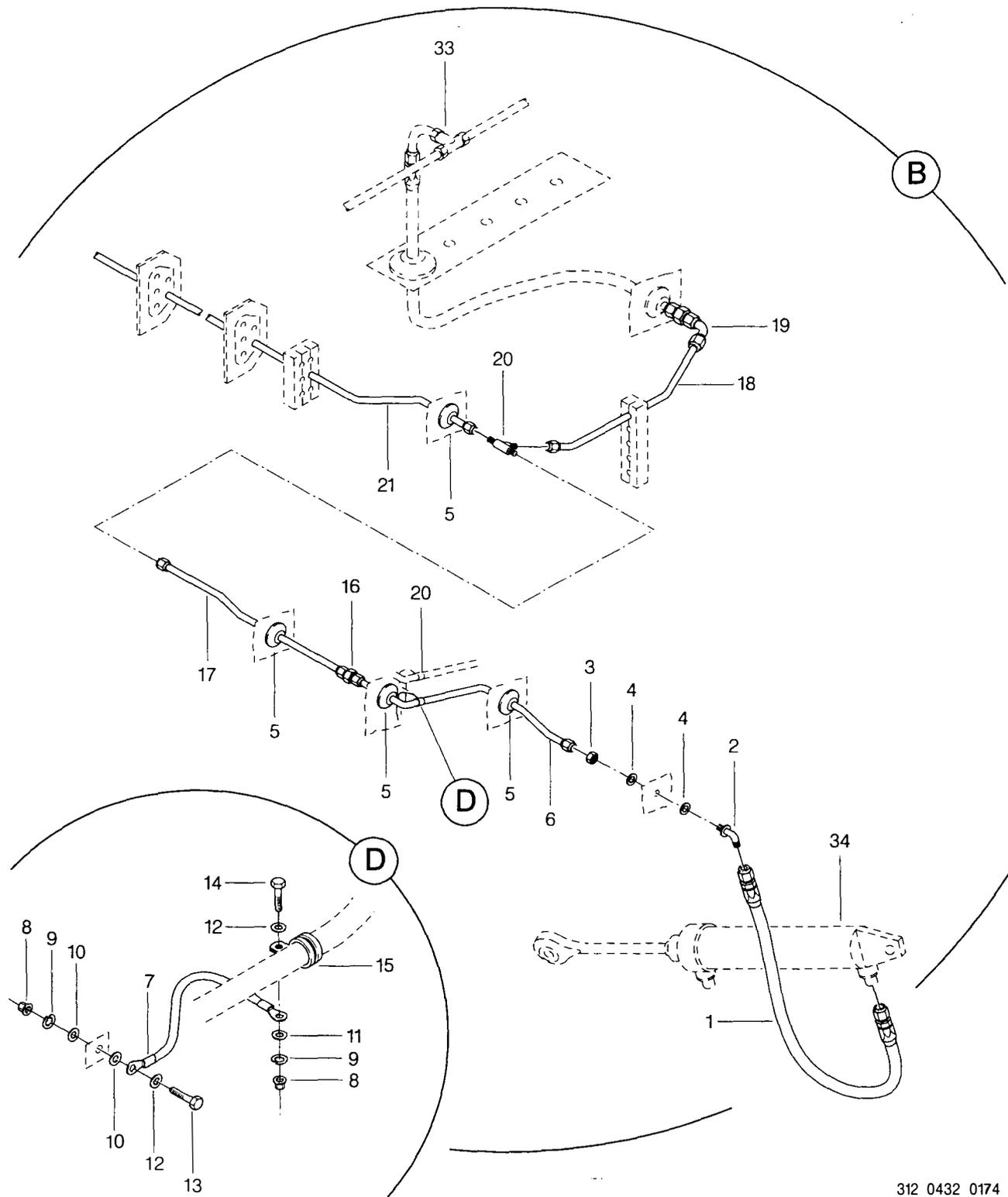
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FIGURA 26. SISTEMA HIDRAULICO INSTL, RETRACAO, ASA (FOLHA 1 DE 2)  
FIGURE 26. HYDRAULIC SYSTEM INSTL, GEAR UP, WING (SHEET 1 OF 2)

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FIGURA 26. SISTEMA HIDRAULICO INSTL, RETRACAO, ASA (FOLHA 2 DE 2)  
FIGURE 26. HYDRAULIC SYSTEM INSTL, GEAR UP, WING (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
26		SISTEMA HIDRAULICO INSTL, RETRACAO, ASA..... HYDRAULIC SYSTEM INSTL, GEAR UP, WING.....		REF	A	
1	312-16552-001	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	2		
2	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	2		
3	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
4	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
5	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	8		
6	312-16551-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
7	PE88001-4BB6	.PONTE LIGACAO,CONJ-CORRENTE ELETRIC..... JUMPER ASSY.....	S4956	1		
8	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
9	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		2		
10	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
11	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		1		
12	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
13	AN3-4A	.PINO ROSCADO..... BOLT.....	88044	1		
14	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
15	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	1		
16	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
17	312-16551-005	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
18	312-16551-003	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
19	33821-4D	.ELBOW..... ELBOW.....	53730	1		
20	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
21	312-16551-009	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
22	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
23	312-16551-011	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
24	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
25	312-16551-013	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
26	PE88001-4BB4	.PONTE LIGACAO,CONJ-CORRENTE ELETRIC..... JUMPER ASSY.....	S4956	1		
27	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
28	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
29	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
26						
30	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP).....				
31	AN3C4A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
32	PE27010C4	.BRACADEIRA (PF).....	S4956	1		
		CLAMP (AP).....				
33		. SISTEMA HIDRAULICO PRINCIPAL INSTL, FUSL, EN TRE CAV 8 E 14 (VEJA CAP 29).....			REF	
		MAIN HYDR PWR SPLY INSTL, FUSLG, BETWEEN FRAME S 8 & 14 (SEE CHAPTER 29).....				
34		. SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA (VEJ A FIG 32-30-00-36).....			REF	
		HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING (SEE F IG 32-30-00-36).....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312037, 312065, 312071 A 312074, 312076, 31 2080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 3120 33, 312035, 312037, 312065, 312071 THRU 312074, 31207 6, 312080, 312086, 312093, 312097, 312100, 312145, 31 2176, 312184, 312189, 312195, 312393 THRU 312395 & 31 2398 (POST MOD SB 312-00-0003)				

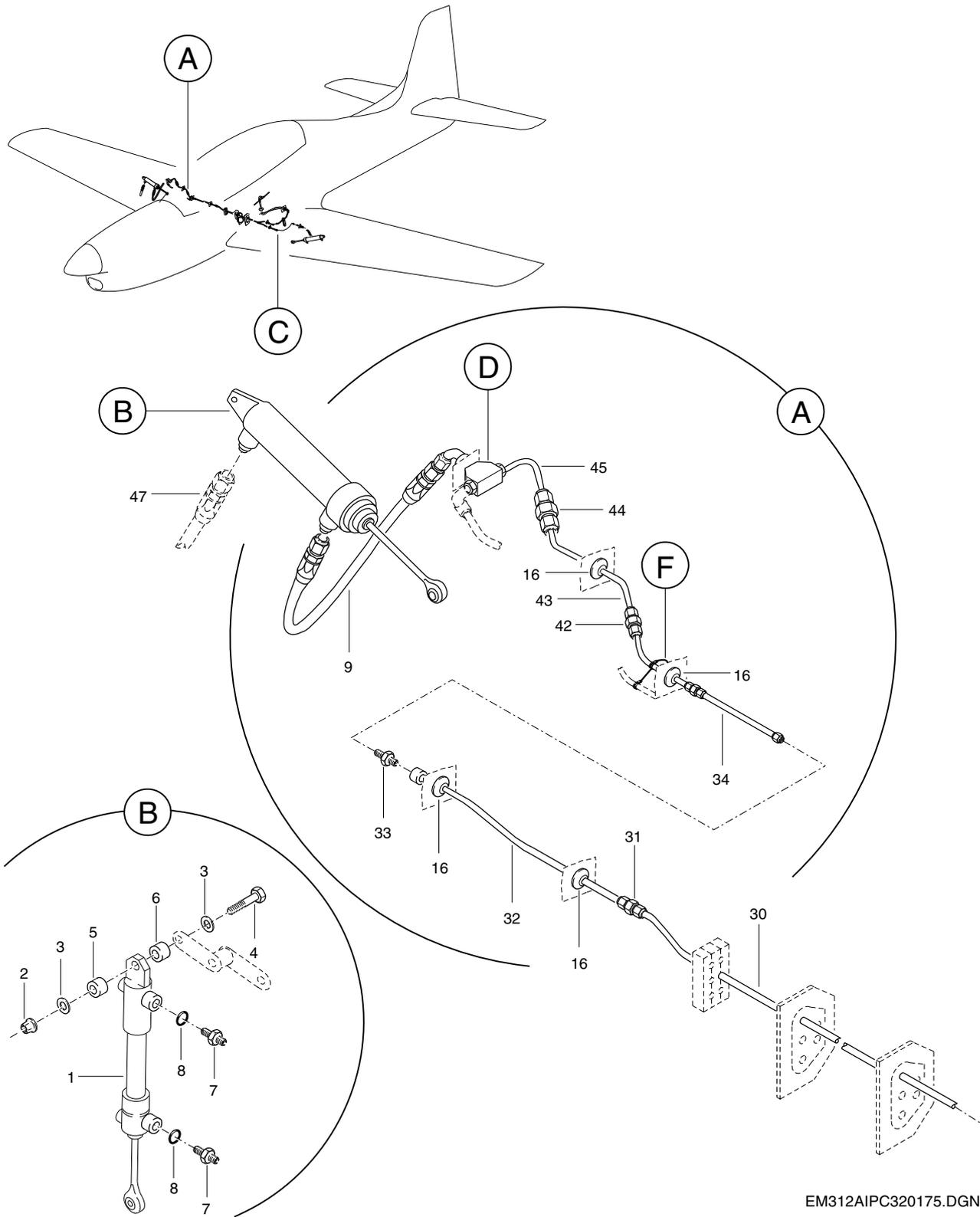
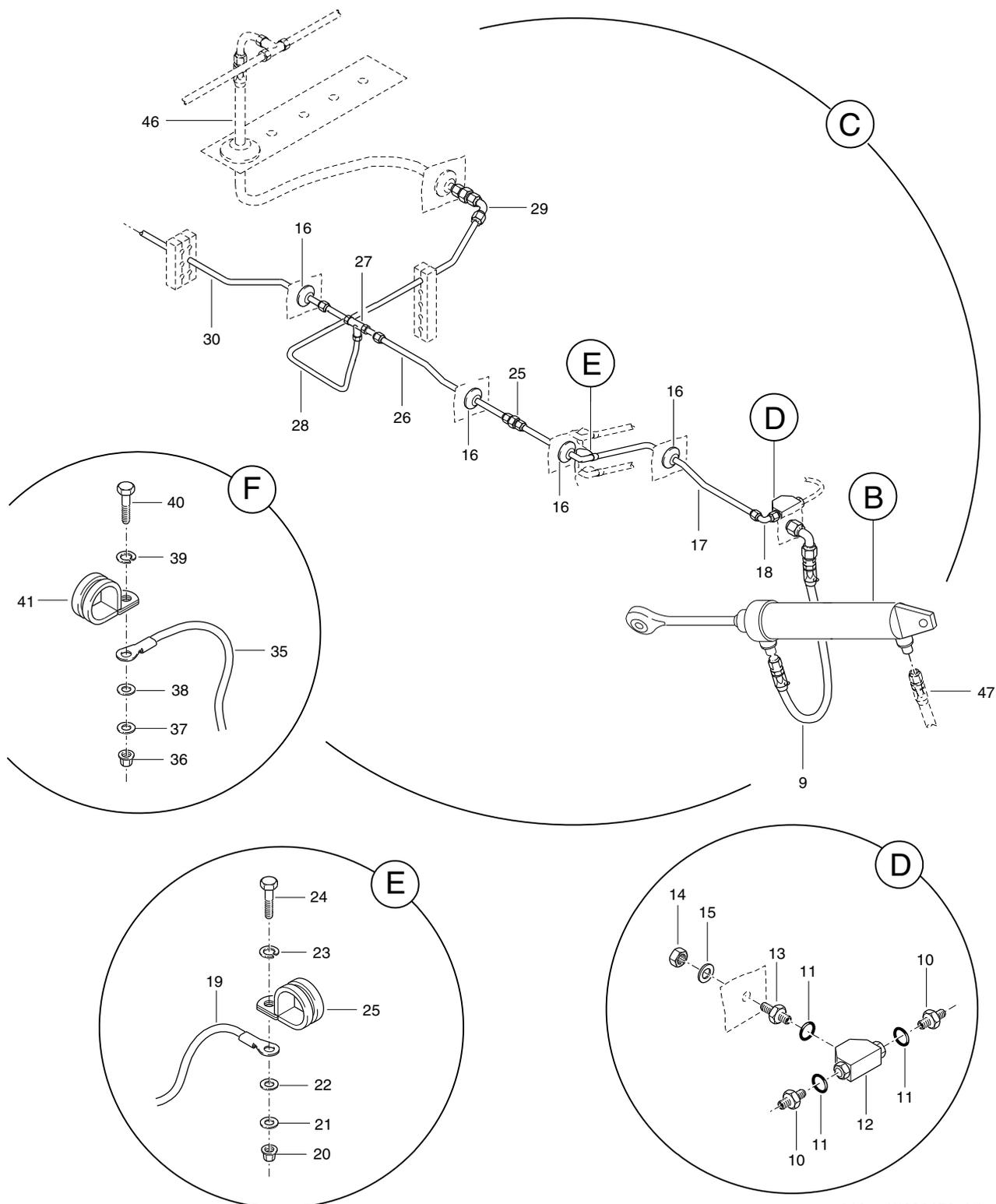


FIGURA 36. SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA (FOLHA 1 DE 2)  
FIGURE 36. HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING (SHEET 1 OF 2)

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REVISÃO 7  
CHANGE 7



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FIGURA 36. SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA (FOLHA 1 DE 2)  
 FIGURE 36. HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING (SHEET 1 OF 2)

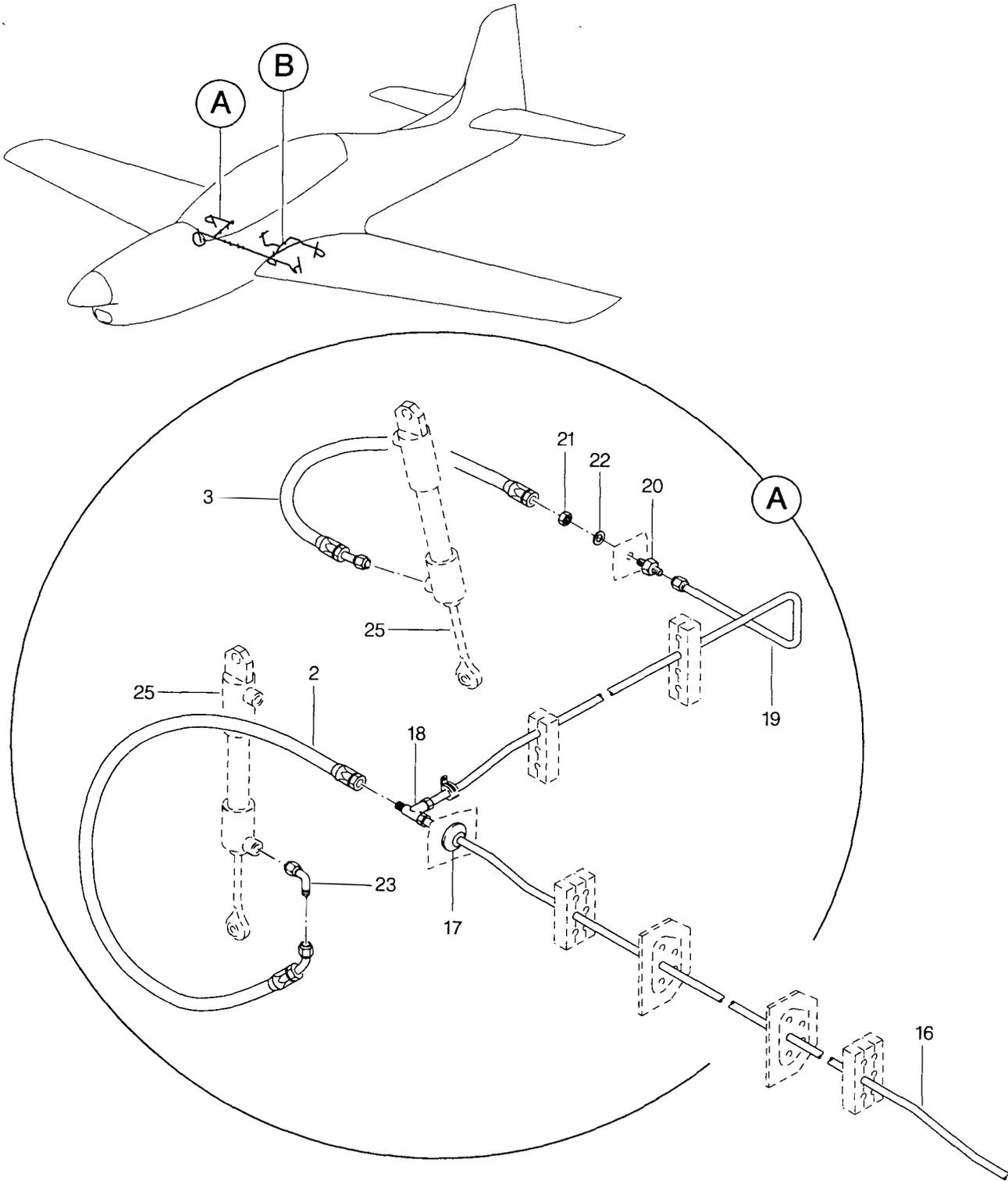
REVISÃO 7  
 CHANGE 7

**32-30-00**

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
36		SISTEMA HIDRAULICO INSTL, EXTENSAO, ASA .....			A	
1	WTC2115-1	HYDRAULIC SYSTEM INSTL, GEAR DOWN, WING .....	62064	2	A	
	WTC2254-1	.CILINDRO ATUADOR (INTERCAMBIAVEL SENTIDO UNICO COM P/N WTC2254-1) .....				
	2112-0001-001	CYLINDER, ACTUATING (ONE-WAY INTERCHANGEABLE WITH P/N WTC2254-1) .....	62064	2	A	
	MS24665-134	.ATUADOR LINEAR HIDRAULICO (INTERCAMBIAVEL SENTIDO UNICO COM P/N 2112-0001-001) .....				
	MS14145L5	ACTUATOR, LINEAR HIDRAULIC (ONE-WAY INTERCHANGEABLE WITH P/N 2112-0001-001) .....	005TK	2	A	
2	MS14145L5	.ATUADOR LINEAR HIDRAULICO CONJ .....	96906	AR		
3	AN960-516	ACTUATOR, LINEAR HIDRAULIC ASSY .....	96906	2		
4	NAS6205-22D	.CONTRA PINO (PF) .....	96906	2		
5	312-10307-013	PIN, COTTER (AP) .....	88044	4		
6	312-10307-015	.PORCA, SEX CAST, AUTO-FREN, BAIXA, ACO (PF) .....	80205	2		
7	33815-4D	NUT (AP) .....	001JK	2		
8	MS28778-4	.ARRUELA PLANA (PF) .....	001JK	2		
9	312-16738-001	WASHER, FLAT (AP) .....	53730	4		
10	33815-4D	.PARAFUSO-TENSAO, CABECA HEXAGONAL, TO (PF) .....	96906	4		
11	MS28778-4	BOLT (AP) .....	96906	6		
12	499A-4BBB	.ESPACADOR .....	96906	2		
13	33832-4D	SPACER .....	53730	2		
14	AN924-4D	.ESPACADOR .....	88044	2		
15	AN960D716	SPACER .....	88044	2		
16	MS35489-7	.CONEXAO UNIAO-COM FLANGE .....	96906	8		
17	312-16556-007	UNION .....	001JK	1		
18	33612-4D	.ANEL DE VEDACAO .....	53730	1		
19	PE88001-5BB4	O RING .....	53730	1		
20	MS21042L3	.TUBO CONJ .....	001JK	1		
21	MS35338-43	HOSE ASSY-HYDRAULIC SYSTEM .....	96906	1		
22	AN960C10L	.CONEXAO UNIAO-COM FLANGE .....	96906	1		
23	AN960-10L	UNION .....	88044	1		
24	AN3C4A	.ANEL DE VEDACAO .....	88044	1		
25	1143-A0610	O RING .....	88044	1		
		.VALVULA LANCADEIRA (PARA DETALHES VEJA PUBLICACAO OH 499A-4BBB) .....	88044	1		
		SHUTLE VALVES (FOR DETAILS SEE PUBLICATION OH 499A-4BBB) .....	88044	1		
		.CONEXAO UNIAO-COM FLANGE .....	70236	1		
		UNION, BULKHEAD .....				
		.PORCA SEXTAVADA PLANA (PF) .....				
		NUT (AP) .....				
		.ARRUELA (PF) .....				
		WASHER (AP) .....				
		.ILHOS, BOR NBR .....				
		GROMMET .....				
		.TUBO CONJ .....				
		TUBE ASSY-HYDRAULIC SYSTEM .....				
		.CONEXAO .....				
		ELBOW, 90 DEGREES, FLARED, SWIVEL NUL .....				
		.PONTE LIGACAO, CONJ .....				
		JUMPER ASSY .....				
		.PORCA (PF) .....				
		NUT (AP) .....				
		.ARRUELA (PF) .....				
		WASHER (AP) .....				
		.ARRUELA (PF) .....				
		WASHER (AP) .....				
		.ARRUELA (PF) .....				
		WASHER, FLAT (AP) .....				
		.PINO ROSCADO (PF) .....				
		BOLT (AP) .....				
		.VALVULA .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
36		VAL VE, RESTRICTOR .....				
26	312-16556-005	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
27	33824-4D	.CONEXAO EM TE-COM FLANGE .....	53730	1		
		TEE .....				
28	312-16556-003	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
29	33821-4D	.ELBOW .....	53730	1		
		ELBOW .....				
30	312-16556-009	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
31	33815-4D	.CONEXAO UNIAO-COM FLANGE .....	53730	1		
		UNION .....				
32	312-16556-011	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
33	33815-4D	.CONEXAO UNIAO-COM FLANGE .....	53730	1		
		UNION .....				
34	312-16556-013	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
35	PE88001-5BB4	.PONTE LIGACAO,CONJ .....	001JK	1		
		JUMPER ASSY .....				
36	MS21042L3	.PORCA (PF) .....	96906	1		
		NUT (AP) .....				
37	MS35338-43	.ARRUELA (PF) .....		1		
		WASHER (AP) .....				
38	AN960C10L	.ARRUELA (PF) .....		1		
		WASHER (AP) .....				
39	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
40	AN3C4A	.PINO ROSCAOO (PF) .....	88044	1		
		BOLT (AP) .....				
41	PE27010C4	.BRACAOEIRA .....	001JK	1		
		CLAMP .....				
42	33815-4D	.CONEXAO UNIAO-COM FLANGE .....	53730	1		
		UNION .....				
43	312-16556-015	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC SYSTEM .....				
44	1143-A0610	.VALVULA .....	70236	1		
		VALVE, RESTRICTOR .....				
45	312-16556-017	.TUBO CONJ .....	001JK	1		
		TUBE ASSY-HYDRAULIC TUBE .....				
46		.SISTEMA HIORAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 8 E 14 (VEJA CAP 29) .....		1		
		MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 8 & 14 (SEE CHAPTER 29) .....				
47		.SISTEMA HIORAULICO INSTL, RETRACAO, ASA (VEJA FIG 32-30-00-26) .....		1		
		HYDRAULIC SYSTEM INSTL, GEAR UP, WING (SEE FIG 32-30-00-26) .....				
		EFETIMIOAOES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 A 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POS MOD BS 312- 00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395 AND 312398 (POST MOD SB 312-00-0003)				

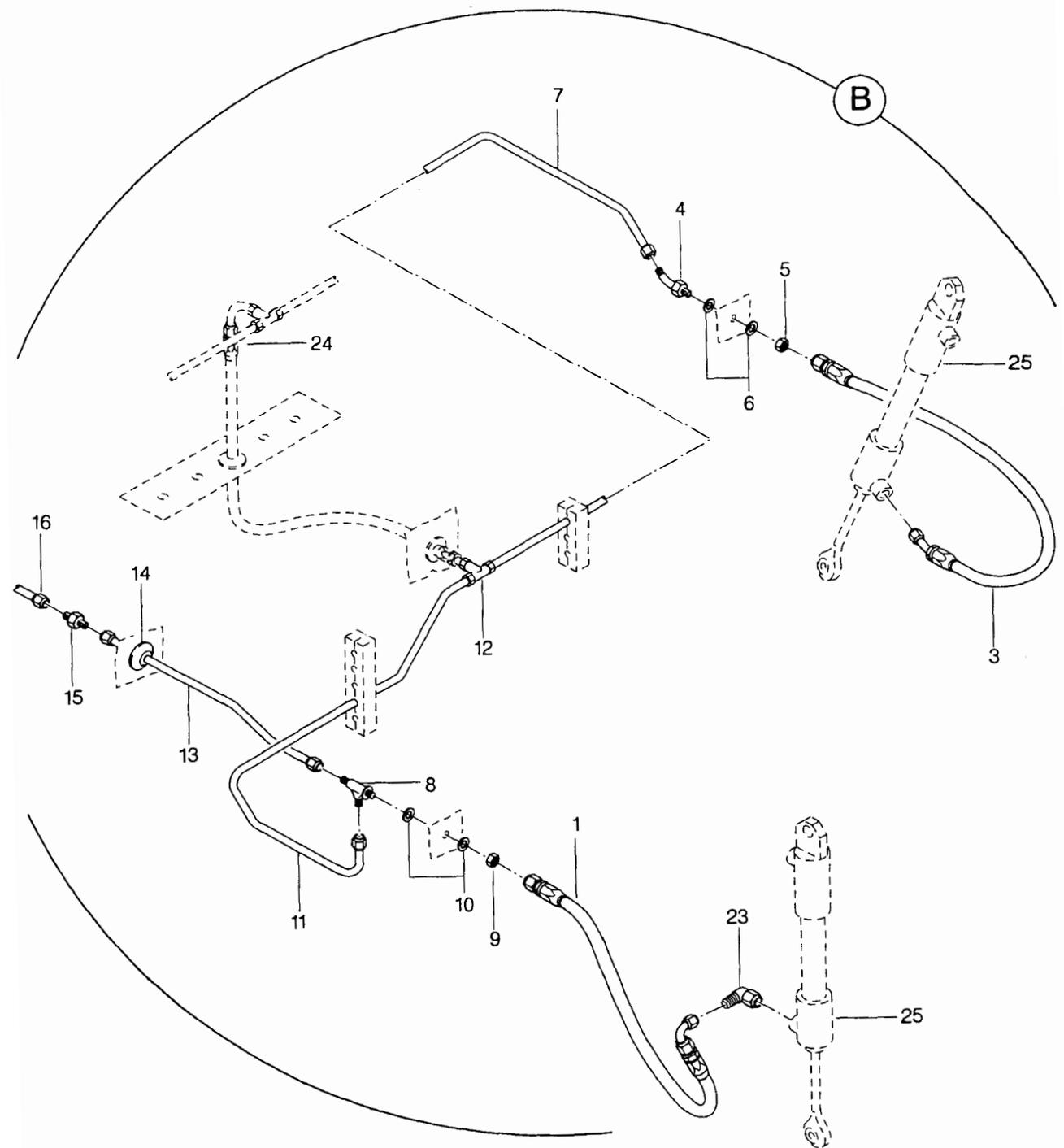


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FIGURA 46. SISTEMA HIDRAULICO INSTL, FECHAMENTO DAS PORTAS, ASA (FOLHA 1 DE 2)  
FIGURE 46. HYDRAULIC SYSTEM INSTL, CLOSE DOORS, WING (SHEET 1 OF 2)

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312 0432 0169

FIGURA 46. SISTEMA HIDRAULICO INSTL, FECHAMENTO DAS PORTAS, ASA (FOLHA 2 DE 2)  
FIGURE 46. HIDRAULIC SYSTEM INSTL, CLOSE DOORS, WING (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
46		SISTEMA HIDRAULICO INSTL, FECHAMENTO DAS PORTA S, ASA.....		REF	A	
1	312-18164-001	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
2	312-18163-005	.MANGUEIRA CONJ-SIT HID..... HOSE ASSY-SYSTEM HYDRAULIC.....	S4956	1		
3	312-16738-005	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	2		
4	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	1		
5	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
6	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
7	312-16557-005	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
8	33804-4D	.CONEXAO EM TE-COM FLANGE..... TEE,BULKHEAD,ON RUN.....	53730	1		
9	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
10	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
11	312-16557-003	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
12	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
13	312-16557-007	.TUBE ASSY-HYDRAULIC SYSTEM..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
14	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	1		
15	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	1		
16	312-16557-009	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
17	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	1		
18	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
19	312-16557-011	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
20	33832-4D	.CONEXAO UNIAO-COM FLANGE..... UNION,BULKHEAD.....	53730	1		
21	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
22	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	1		
23	33612-4D	.CONEXAO..... ELBOW,90 DEGREES,FLARED,SWIVEL NUT.....	53730	2		
24		. SIST HIDRAULICO PRINCIPAL INSTL, FUSG, ENTRE CAV 3 E 8 (VEJA CAPITULO 29)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN F RAMES 3 & 8 (SEE CHAPTER 29).....		REF		
25		. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTA S, ASA (VEJA FIG 32-30-00-56)..... HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SEE FIG 32-30-00-56).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
46		<p>, 312035, 312037, 312065, 312071 A 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POST MOD BS 312-00-0003)</p> <p>A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, , 312393 THRU 312395 AND 312398 (POST MOD SB 312-00-0003)</p>				

**32-30-00**

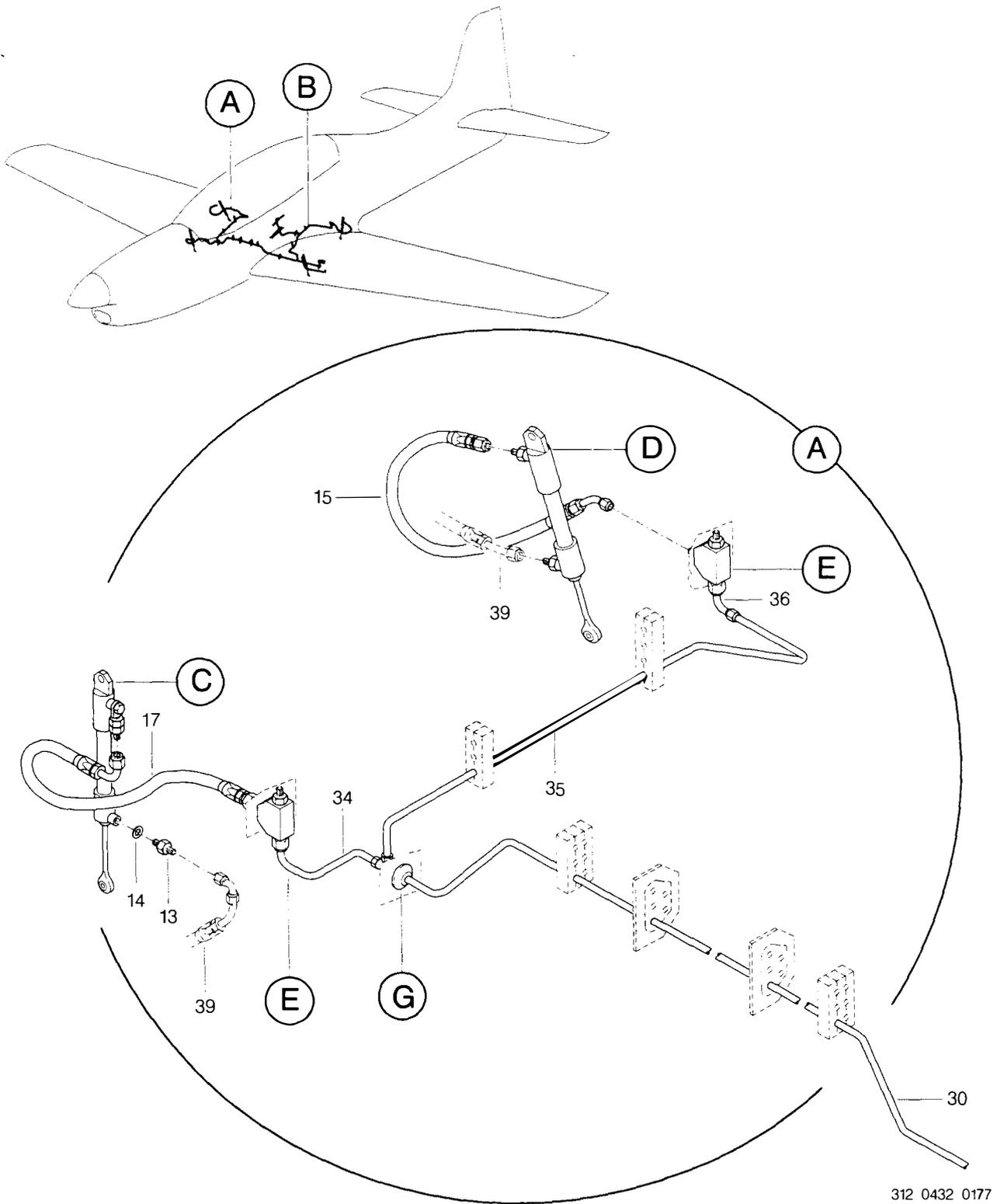
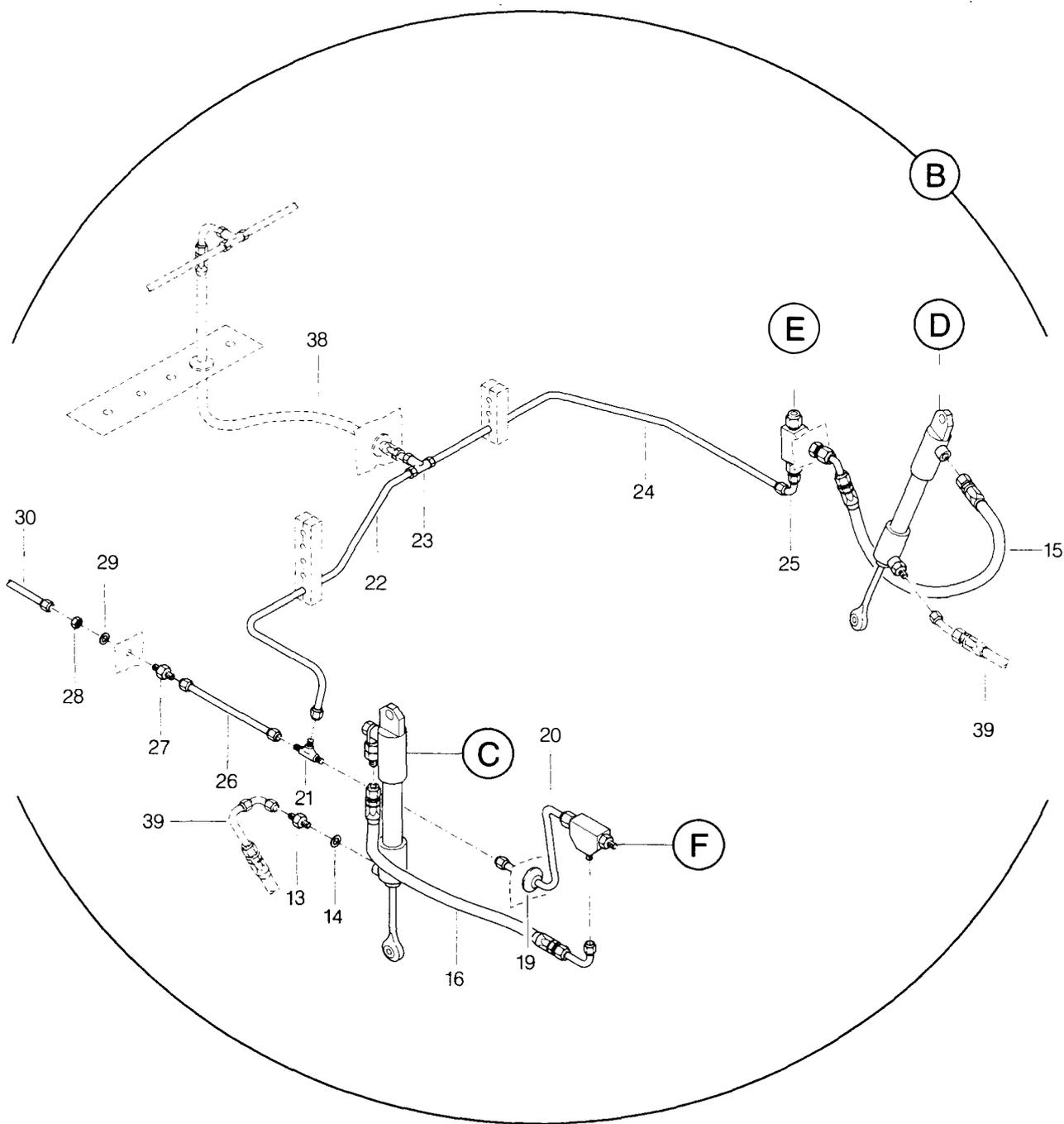


FIGURA 56. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTAS, ASA (FOLHA 1 DE 3)  
FIGURE 56. HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SHEET 1 OF 3)

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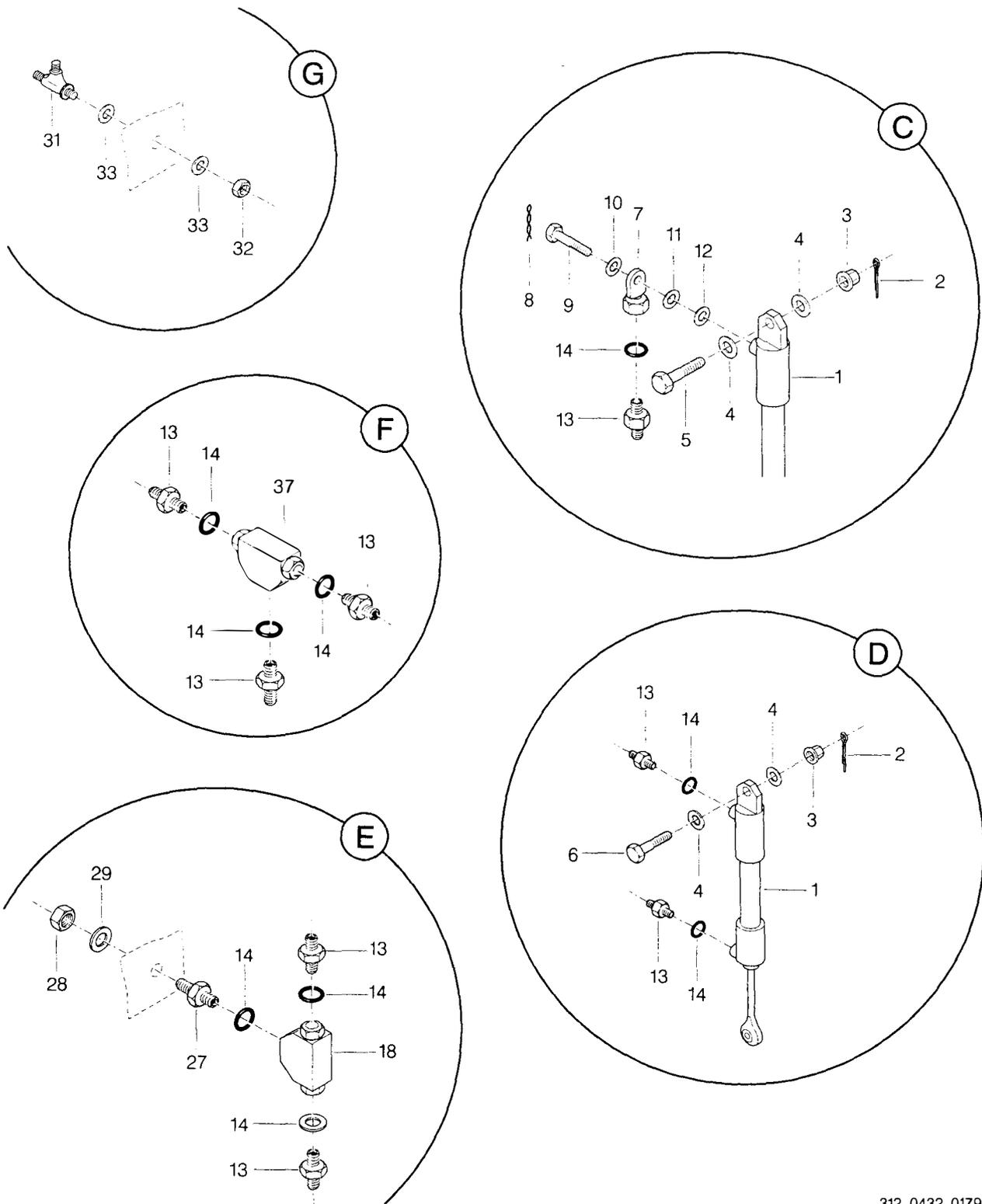


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FIGURA 56. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTAS, ASA (FOLHA 2 DE 3)  
FIGURE 56. HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SHEET 2 OF 3)

**32-30-00**

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312 0432 0179

FIGURA 56. SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTAS, ASA (FOLHA 3 DE 3)  
FIGURE 56. HYDRAULIC SYSTEM INSTL, OPEN DOORS, WING (SHEET 3 OF 3)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
56		SISTEMA HIDRAULICO INSTL, ABERTURA DAS PORTAS, ASA.....		REF	A	
1	312-10806-001	.CILINDRO ATUADOR..... CYLINDER, ACTUATING.....	S4956	4		
2	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	4		
3	AN320-3	.PORCA (PF)..... NUT (AP).....	88044	4		
4	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	8		
5	NAS6203-14D	.PINO ROSCADO (PF)..... BOLT (AP).....	80205	2		
6	NAS6203-17D	.PINO ROSCADO (PF)..... BOLT (AP).....	80205	2		
7	312-16743-001	.FERRAGEM ADAPTADOR..... FITTING.....	S4956	2		
8	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	AR		
9	312-16742-001	.PARAFUSO ADAPTADOR (PF)..... SCREW (AP).....	S4956	2		
10	MS28775-016	.ANEL DE VEDACAO BORRACHA NITRILICA..... ORING.....	96906	2		
11	MS28775-012	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
12	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
13	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	17		
14	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	19		
15	312-16738-003	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	2		
16	312-16740-001	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
17	312-18163-001	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
18	499A-4BBB	.VALVULA LANCADEIRA (PARA DETALHES VEJA PUBLIC ACAO OH 499A-4BBB)..... SHUTLE VALVES (FOR DETAILS SEE PUBLICATION OH 499A-4BBB).....		3		
19	MS35489-8	.ILHOS-RESISTENTE OLEO QUENTE/LIQ RE..... GROMMET.....	96906	1		
20	312-16558-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
21	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
22	312-16558-005	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
23	33824-4D	.CONEXAO EM TE-COM FLANGE..... TEE.....	53730	1		
24	312-16558-003	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
25	33612-4D	.CONEXAO..... ELBOW,90 DEGREES,FLARED,SWIVEL NUT.....	53730	1		
26	312-16558-009	.TUBO CONJ..... TUBE ASSY-HYDRAULIC SYSTEM.....	S4956	1		
27	33832-4D	.CONEXAO UNIAO-COM FLANGE..... UNION,BULKHEAD.....	53730	4		
28	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	4		

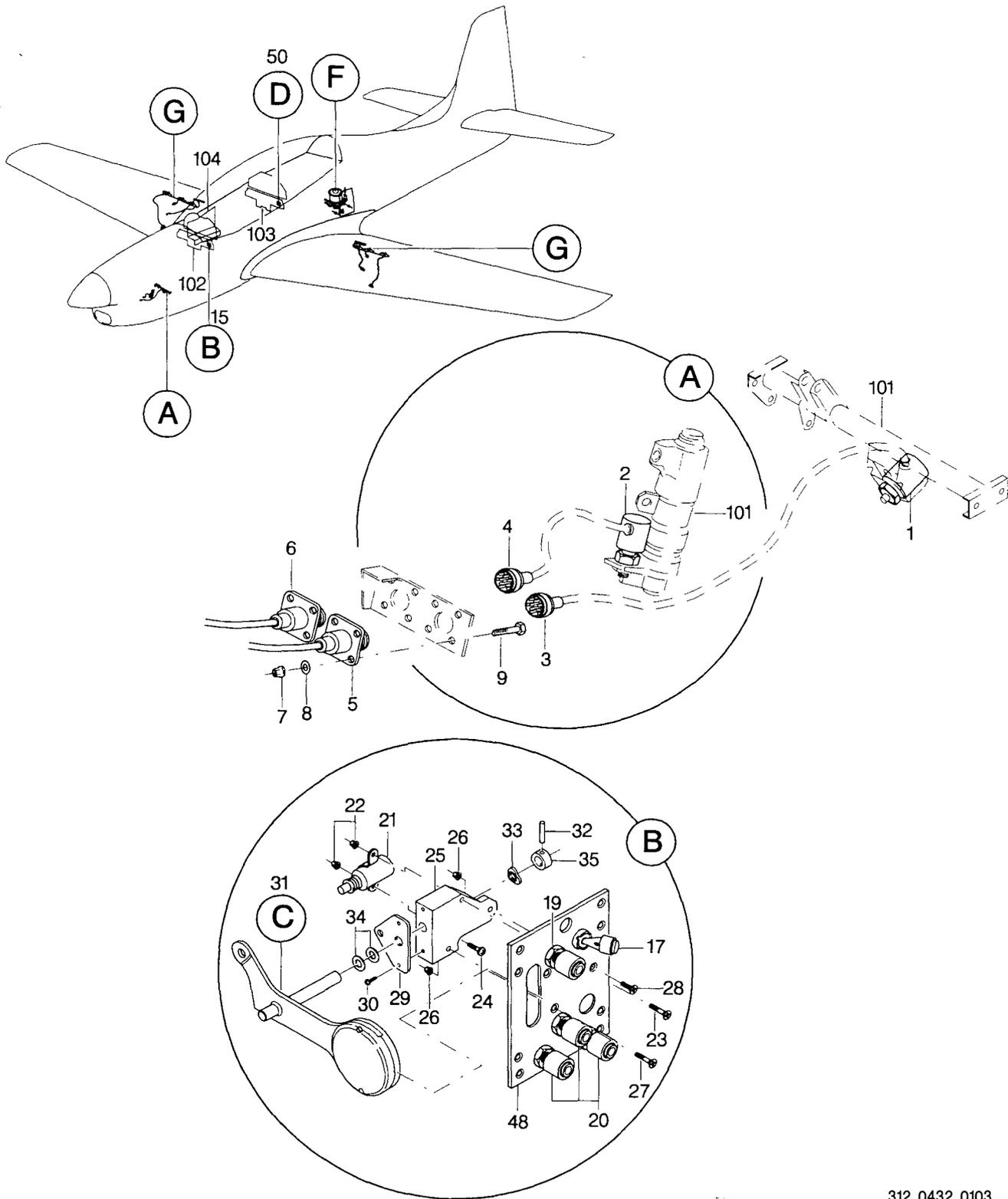
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
56						
29	AN960D716	.ARRUELA (PF).....	88044	4		
		WASHER (AP).....				
30	312-16558-011	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
31	33804-4D	.CONEXAO EM TE-COM FLANGE.....	53730	1		
		TEE,BULKHEAD,ON RUN.....				
32	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT (AP).....				
33	AN960D716	.ARRUELA (PF).....	88044	2		
		WASHER (AP).....				
34	312-16558-013	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
35	312-16558-015	.TUBO CONJ.....	S4956	1		
		TUBE ASSY-HYDRAULIC SYSTEM.....				
36	33612-4D	.CONEXAO.....	53730	2		
		ELBOW,90 DEGREES,FLARED,SWIVEL NUT.....				
37	499A-4BBB	.VALVULA LANCADEIRA.....		1		
		SHUTLE VALVES.....				
	AN3-13A	.PARAFUSO-CABECA HEXAGONAL,ACO (PF).....	88044	2		
		BOLT (AP).....				
38		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE CAV 8 E 14 (VEJA CAP 29).....			REF	
		MAIN HYDR PWR SPLY INSTL, FUSLG, BETWEEN FRAME S 8 & 14 (SEE CHAPTER 29).....				
39		. SIST HIDRAULICO INSTL, FECHAMENTO DAS PORTAS , ASA (VEJA FIG 32-30-00-46).....			REF	
		HYDRAULIC SYSTEM INSTL, CLOSE DOORS, WING (SEE FIG 32-30-00-46).....				
		EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312033, 312035 , 312037, 312065, 312071 A 312074, 312076, 312080, 31 2086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395 E 312398 (POS MOD BS 312-00-0003) A AIRCRAFT 312011, 312012, 312018, 312030, 312033, 3120 35, 312037, 312065, 312071 THRU 312074, 312076, 31208 0, 312086, 312093, 312097, 312100, 312145, 312176, 31 2184, 312189, 312195, 312393 THRU 312395 & 312398 (PO ST MOD SB 312-00-0003)				

32-30-00

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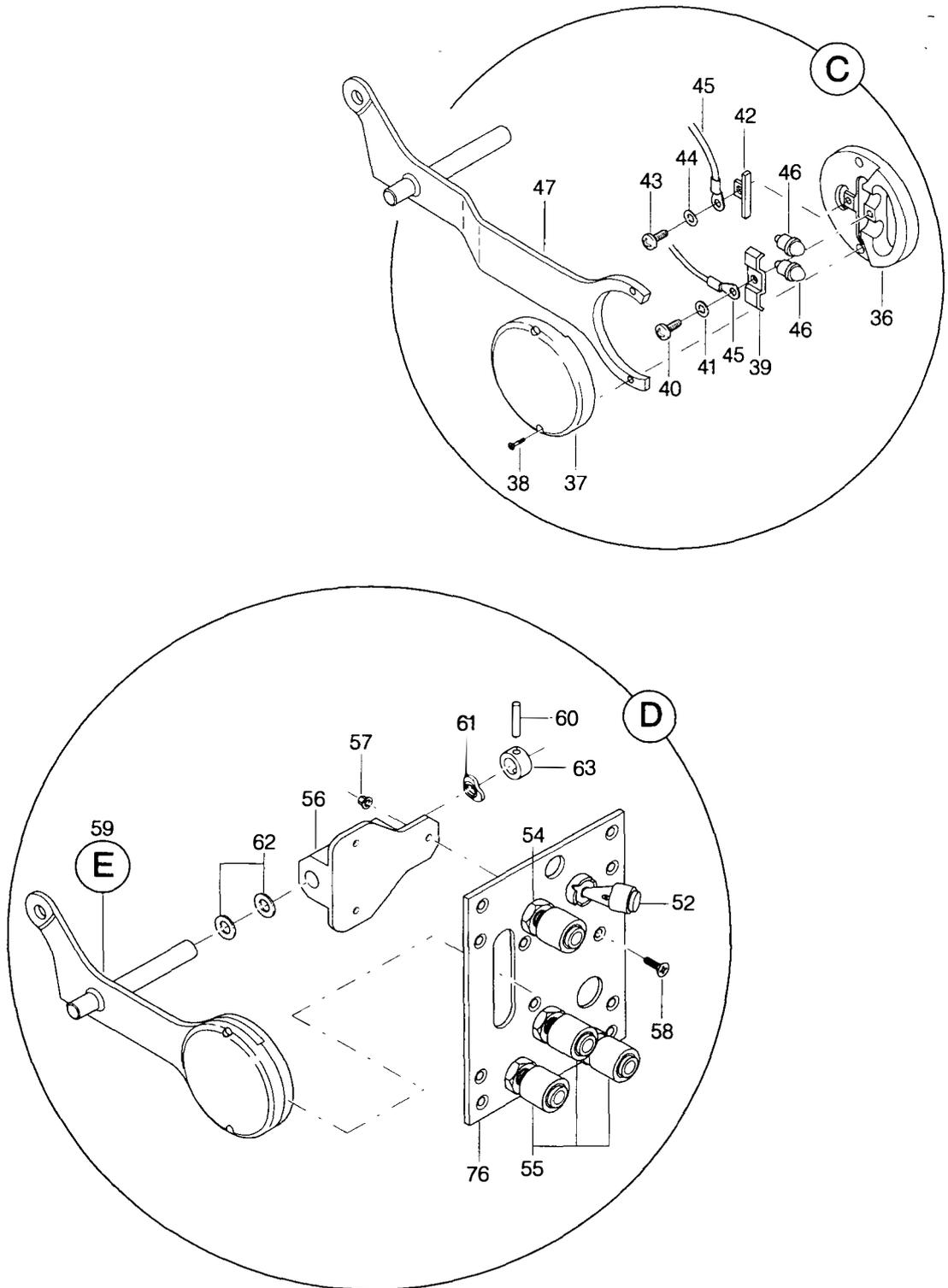


312 0432 0103

FIGURA 02. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 1 DE 4)  
 FIGURE 02. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 1 OF 4)

**32-30-01**

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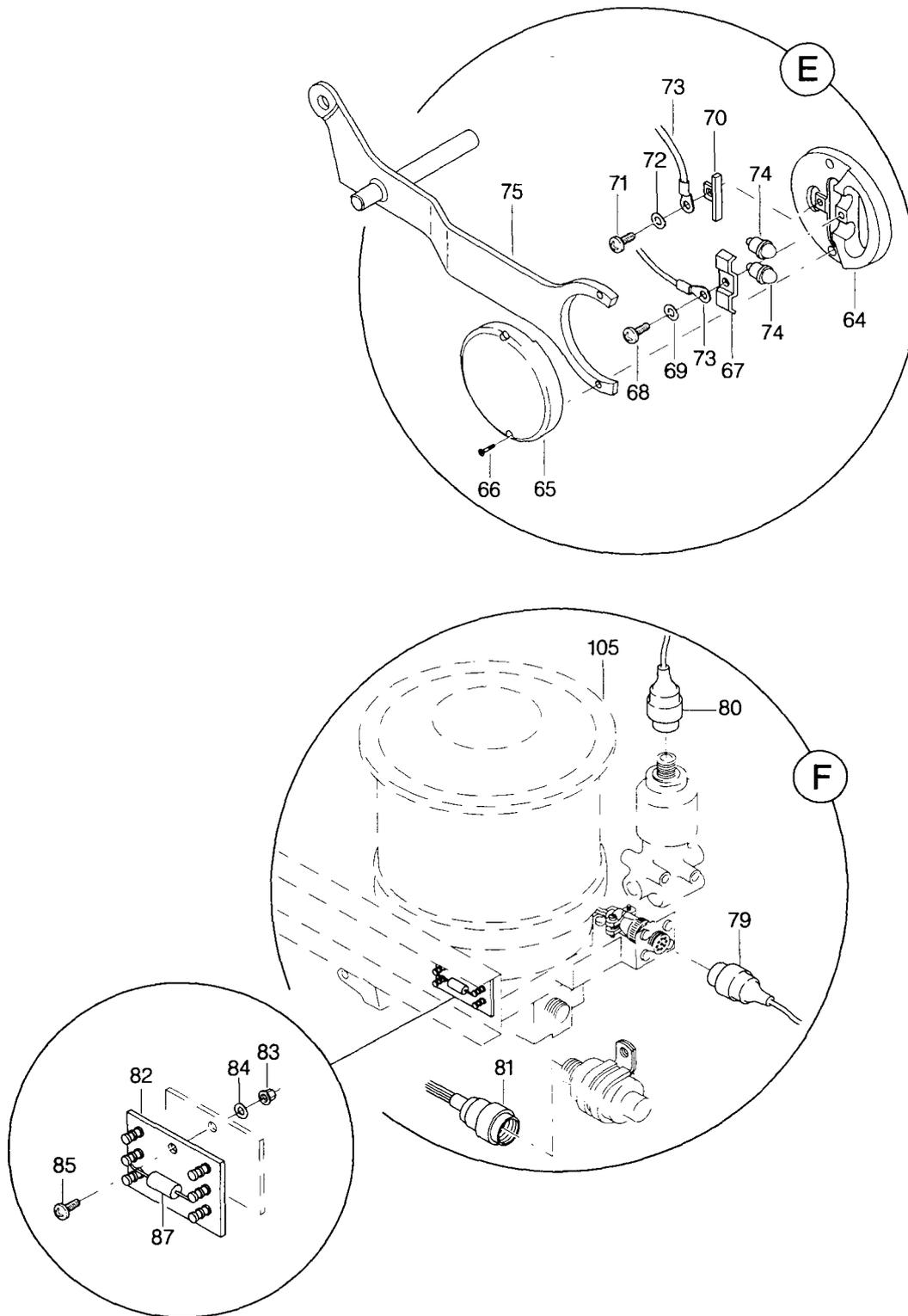


312 0432 0104

FIGURA 02. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 2 DE 4)  
 FIGURE 02. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 2 OF 4)

**32-30-01**

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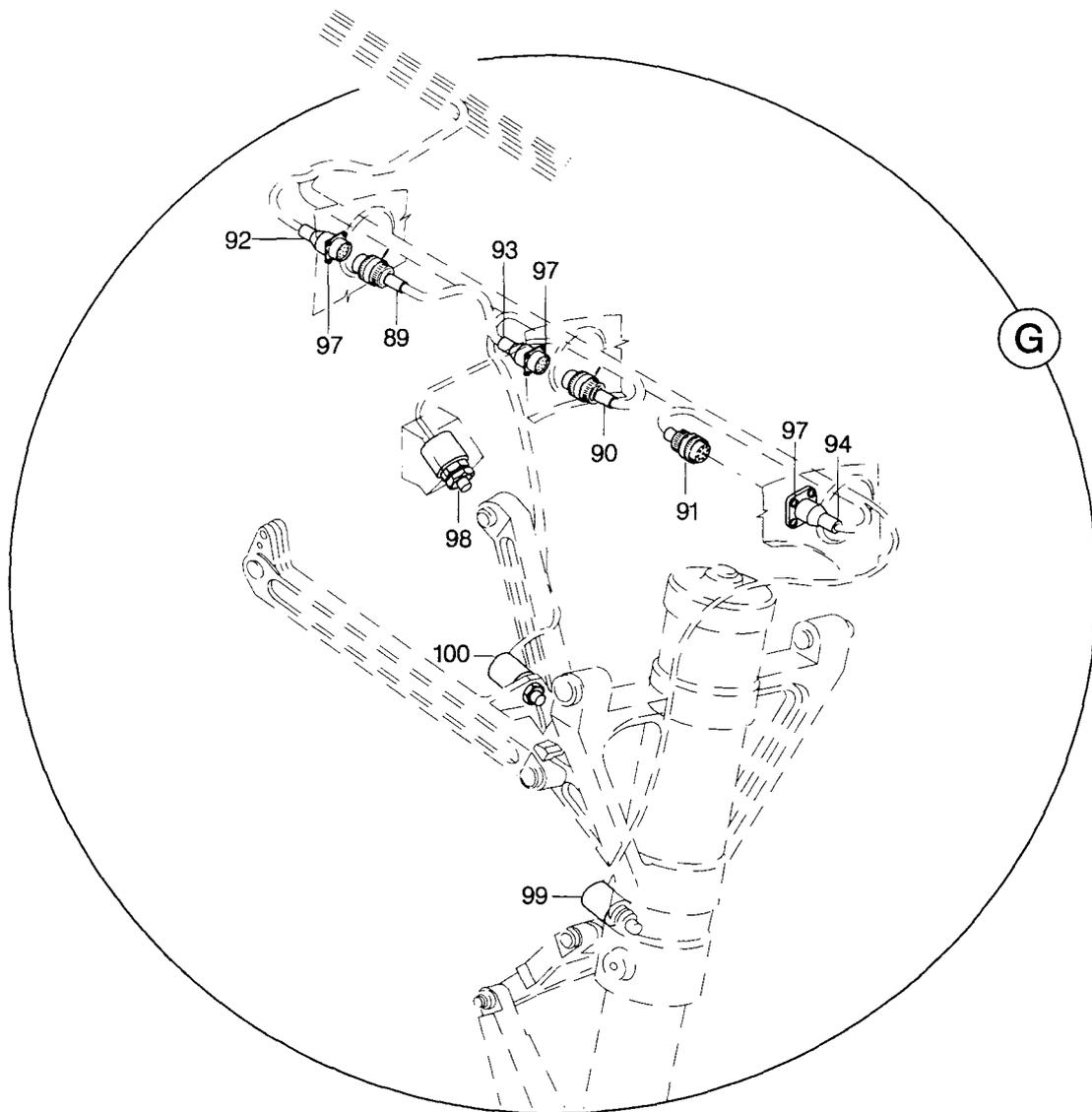


312 0432 0105

FIGURA 02. COMANDO ELETRICO DOS TRENS DE POUZO INSTL (FOLHA 3 DE 4)  
FIGURE 02. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 3 OF 4)

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312 0432 0106

FIGURA 02. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 4 DE 4)  
FIGURE 02. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 4 OF 4)

**32-30-01**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		COMANDO ELETRICO DOS TRENS DE POUSO INSTL..... LANDING GEAR ELECTRICAL CONTROL INSTL.....		REF	A	
1	1CH21-4	..MICROINTERRUPTOR (S21)..... MICROSWITCH (S21).....	91929	1		
2	MS27240-2	..MICROINTERRUPTOR (S11)..... MICROSWITCH (S11).....	96906	1		
3	MS3126P10-6P	..CONECTOR (P118)..... CONNECTOR,ELETRIC (P118).....	96906	1		
4	MS3126P12-8P	..CONECTOR (P117)..... CONNECTOR (P117).....	96906	1		
5	MS3120P10-6S	..CONECTOR (J118)..... CONNECTOR,FIXED ELECTRIC (J118).....	96906	1		
6	MS3120P12-8S	..CONECTOR (J117)..... CONNECTOR (J117).....	96906	1		
7	H14-04	..PORCA (PF)..... NUT (AP).....	15653	8		
8	AN960-3L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	8		
9	MS35206-214	..PARAFUSO (PF)..... SCREW (AP).....	96906	8		
15	312-07728-001	..PAINEL DE COMANDO DIANTEIRO CONJ..... PANEL ASSY, CONTROL, FWD FLT STA.....	S4956	1		
	MS24693-C50	..PARAFUSO (PF)..... SCREW (AP).....	96906	4		
17	413-610-5F	..INTERRUPTOR (S27)..... SWITCH (S27).....	S4956	1		
19	MS25041-4-327	..LUZ INDICADORA (PORTAS) (DS13)..... LIGHT, INDICATOR (WHEELWELL DOORS) (DS13).....	96906	1		
20	801-1030-0332-504	..LUZ INDICADORA (POSICAO DO TREM)(PRE MOD BS 312-033-0011) (DS7, DS8, DS9)..... LIGHT, INDICATOR (GEAR POSITION)(PRE MOD SB 312-033-0011) (DS7, DS8, DS9).....	72619	3	006085	
	01-91180-3-327	..LUZ INDICADORA (DS115, DS116, DS117)..... LIGHT, INDICATOR (DS115, DS116, DS117).....	76854	3	B	
	CM 7341	..LAMPADA..... LAMP.....	71744	3		
21	L-3011	..SOLENOIDE (L2)..... SOLENOID (L2).....	81983	1		
22	H14-08	..PORCA (PF)..... NUT,SPLINE (AP).....	15653	2		
23	MS24694S17	..PARAFUSO CAB ESC,EST,F CRUZ,ACO (PF)..... SCREW (AP).....	96906	1		
24	MS27039-0806	..PARAFUSO (PF)..... SCREW (AP).....	96906	1		
25	312-02073-001	..MANCAL..... BEARING.....	S4956	1		
26	H14-08	..PORCA (PF)..... NUT,SPLINE (AP).....	15653	2		
27	MS24694S17	..PARAFUSO CAB ESC,EST,F CRUZ,ACO (PF)..... SCREW (AP).....	96906	1		
28	MS24694-S5	..PARAFUSO (PF)..... SCREW (AP).....	96906	1		
29	312-02086-001	..GUIA..... GUIDE.....	S4956	1		
30	MS24693-C47	..PARAFUSO (PF)..... SCREW (AP).....	96906	2		
31	312-07177-001	..ALAVANCA CONJ..... LEVER ASSY.....	S4956	1		
32	MS16562-213	..PINO ELASTICO (PF)..... PIN, SPRING (AP).....	96906	1		

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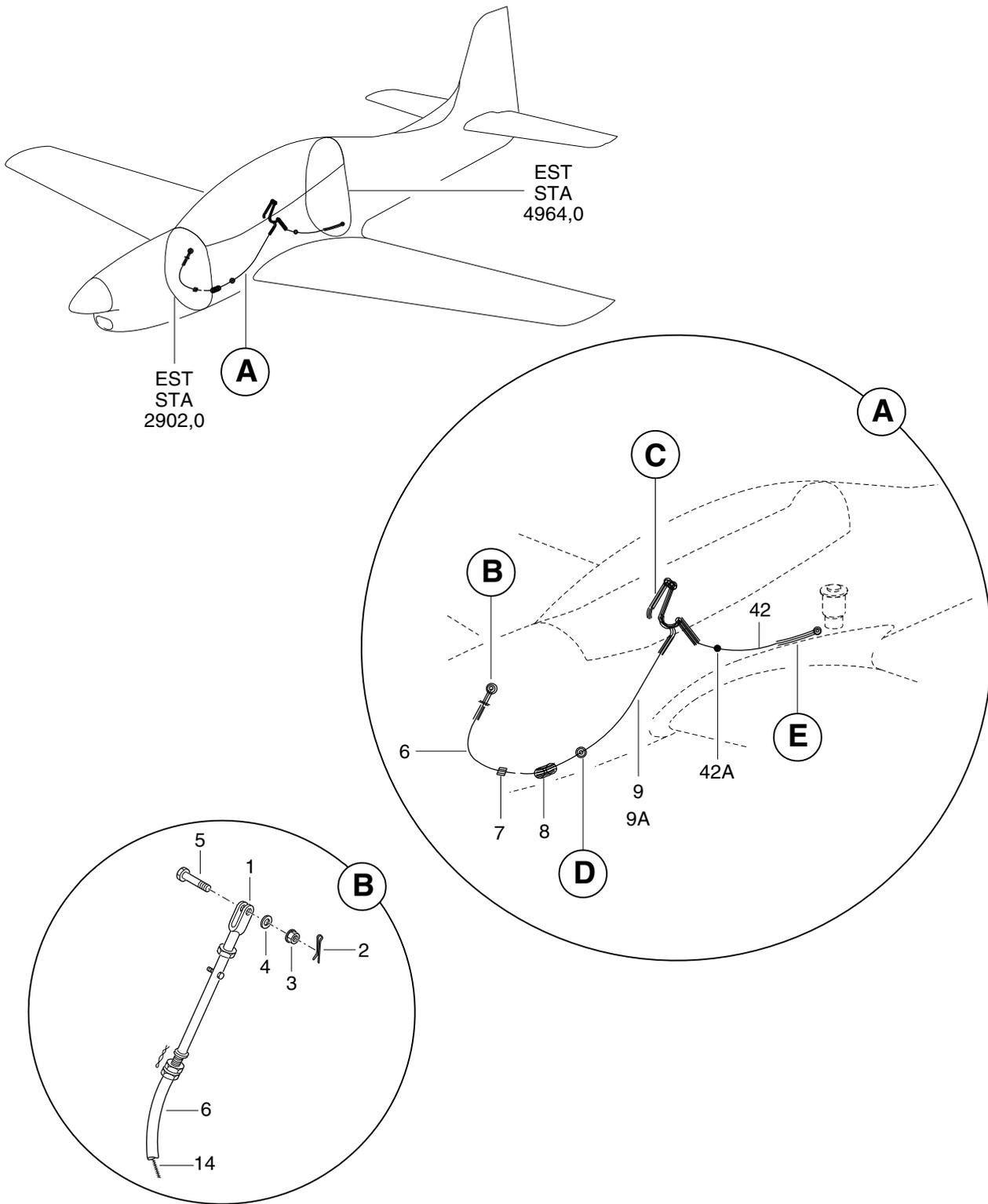
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
33	PE24024-080-03	..ARRUELA ELASTICA,ACO (PF)..... WASHER,SPRING,STEEL (AP).....	S4956	1		
34	AN960-516	..ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
35	312-02077-001	..BUCHA..... BUSHING.....	S4956	1		
36	312-02079-001	..CAPA PROTETORA DIR..... KNOB, HALF, RH.....	S4956	1		
37	312-02080-001	..CAPA PROTETORA ESQ..... KNOB, HALF, LH.....	S4956	1		
38	MS51957-16	..PARAFUSO (PF)..... SCREW (AP).....	96906	2		
39	312-02081-001	..PRENDEDOR..... HOLDER.....	S4956	1		
40	MS51957-13	..PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW (AP).....	96906	1		
41	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
42	312-02082-001	..CHAPA DE CONTATO..... PLATE, CONTACT.....	S4956	1		
43	MS51957-12	..PARAFUSO (PF)..... SCREW (AP).....	96906	1		
44	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
45	PE88036-1	..TERMINAL..... TERMINAL.....	S4956	2		
46	MS25237-327R	..LAMPADA (TREM EM TRANSITO) (DS3, DS4)..... LAMP (LANDING GEAR IN TRANSIT) (DS3, DS4).....	96906	2		
47	312-07175-001	..ALAVANCA..... LEVER.....	S4956	1		
48	312-02075-001	..PAINEL DE ACRILICO..... PANEL, ACRYLIC.....	S4956	1		
50	312-02071-001	..PAINEL DE COMANDO TRASEIRO CONJ..... PANEL ASSY, CONTROL, AFT FLT STA.....		1		
	MS24693-C50	..PARAFUSO (PF)..... SCREW (AP).....	96906	4		
52	413-610-5F	..INTERRUPTOR (S28)..... SWITCH (S28).....	S4956	1		
54	MS25041-4-327	..LUZ INDICADORA (PORTAS) (DS14)..... LIGHT, INDICATOR (HEELWELL DOORS) (DS14).....	96906	1		
55	801-1030-0332-504	..PRESS TO TEST INDICATOR, GREEN (POSICAO DO T REM)(PRE MOD BS 312-033-0011) (DS10, DS11, DS1 2)..... PRESS TO TEST INDICATOR, GREEN (GEAR POSITIO N)(PRE MOD SB 312-033-0011) (DS10, DS11, DS12) .....		3	006085	
	01-91180-3-327	..LUZ INDICADORA (DS118, DS119, DS120)..... LIGHT, INDICATOR (DS118, DS119, DS120).....	76854	3	B	
	CM 7341	..LAMPADA..... LAMP.....	71744	3		
56	312-02074-001	..MANCAL..... BEARING.....	S4956	1		
57	H14-08	..PORCA (PF)..... NUT,SPLINE (AP).....	15653	3		
58	MS24694-S5	..PARAFUSO (PF)..... SCREW (AP).....	96906	3		
59	312-02072-001	..ALAVANCA CONJ..... LEVER ASSY.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
Q2						
60	MS16562-213	..PINO ELASTICO (PF)..... PIN, SPRING (AP).....	96906	1		
61	PE24024-080-03	..ARRUELA ELASTICA,ACO (PF)..... WASHER,SPRING,STEEL (AP).....	S4956	1		
62	AN960-516	..ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
63	312-02077-001	..BUCHA..... BUSHING.....	S4956	1		
64	312-02079-001	..CAPA PROTETORA DIR..... KNOB, HALF, RH.....	S4956	1		
65	312-02080-001	..CAPA PROTETORA ESQ..... KNOB, HALF, LH.....	S4956	1		
66	MS51957-16	..PARAFUSO (PF)..... SCREW (AP).....	96906	2		
67	312-02081-001	..PRENDEDOR..... HOLDER.....	S4956	1		
68	MS51957-13	..PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW (AP).....	96906	1		
69	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
70	312-02082-001	..CHAPA DE CONTATO..... PLATE, CONTACT.....	S4956	1		
71	MS51957-12	..PARAFUSO (PF)..... SCREW (AP).....	96906	1		
72	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
73	PE88036-1	..TERMINAL..... TERMINAL.....	S4956	2		
74	MS25237-327R	..LAMPADA (TREM EM TRANSITO) (DS5, DS6)..... LAMP (LANDING GEAR IN TRANSIT) (DS5, DS6).....	96906	2		
75	312-02078-001	..ALAVANCA..... LEVER.....	S4956	1		
76	312-02076-001	..PAINEL DE ACRILICO..... PANEL, ACRYLIC.....	S4956	1		
79	MS3106F14S-2S	..CONECTOR (RESERVATORIO HIDRAULICO) (P38)..... CONNECTOR (HYDRAULIC RESERVOIR) (P38).....	96906	1		
80	MS3106F10SL-4S	..CONECTOR (VALVULA TRES VIAS)..... CONNECTOR (THREE-WAY VALVE).....	96906	1		
81	MS3106F10SL-3S	..CONECTOR (CONTACTOR MANOMETRICO) (P227)..... CONNECTOR (PRESSURE SWITCH) (P227).....	96906	1		
82	PE95093-1	..PORTA-RESISTOR (TB13)..... HOLDER, RESISTOR (TB13).....	S4956	1		
83	H14-04	..PORCA (PF)..... NUT (AP).....	15653	2		
84	AN960-3L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
85	MS35206-215	..PARAFUSO (PF)..... SCREW (AP).....	96906	2		
87	1N4007	..DIODO (CR8)..... DIODE (CR8).....		1		
89	MS3126P10-6P	..CONECTOR (P0120, P0122)..... CONNECTOR,ELETRIC (P0120, P0122).....	96906	1		
90	MS3126P12-8P	..CONECTOR (P0119, P0121)..... CONNECTOR (P0119, P0121).....	96906	1		
91	MS3126P10-6P	..CONECTOR (P0134, P0135)..... CONNECTOR,ELETRIC (P0134, P0135).....	96906	1		
92	MS3120P10-6S	..CONECTOR (J0120, J0122)..... CONNECTOR, FIXED ELECTRIC (J0120, J0122).....	96906	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
93	MS3120P12-8S	.CONECTOR (J0119, J0121)..... CONNECTOR (J0119, J0121).....	96906	1		
94	MS3120P10-6S	.CONECTOR (J0134, J0135)..... CONNECTOR, FIXED ELECTRIC (J0134, J0135).....	96906	1		
	H14-04	.PORCA (PF)..... NUT (AP).....	15653	12		
	AN960-3L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	12		
97	MS35206-215	.PARAFUSO (PF)..... SCREW (AP).....	96906	12		
98	1CH21-4	.MICROINTERRUPTOR (S0020, S0022)..... MICROSWITCH (S0020, S0022).....	91929	1		
99	1CH21-4	.MICROINTERRUPTOR (S0025, S0026)..... MICROSWITCH (S0025, S0026).....	91929	1		
100	MS27240-2	.MICROINTERRUPTOR (S0010, S0012)..... MICROSWITCH (S0010, S0012).....	96906	1		
101		. MECANISMO DO TDP DE NARIZ INSTL (VEJA FIG 32-20-02-01)..... NOSE LANDING GEAR MECHANISM INSTL (SEE FIG 32-20-02-01).....		REF		
102		. PAINEL PRINCIPAL INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... MAIN PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....		REF		
103		. PAINEL PRINCIPAL INSTL, POSTO TRASEIRO (VEJA CAP 39)..... MAIN PANEL INSTL, REAR FLIGHT STATION (SEE CHAPTER 39).....		REF		
104		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....		REF		
105		. SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 14 E 19 (VEJA CAP 29)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 14 & 19 (SEE CHAPTER 29).....		REF		
107		. PAINEL PRINCIPAL INSTL, POSTO TRASEIRO (VEJA CAP 39)..... MAIN PANEL INSTL, REAR FLIGHT STATION (SEE CHAPTER 39).....		REF		
EFETIVIDADES USAGE CODE LIST A AVIOES 312045 A 312052 (PRE MOD BS 312-032-0008), 312006 A 312044 E 312053 A 312084 A AIRCRAFT 312045 THRU 312052 (PRE MOD SB 312-032-0008), 312006 THRU 312044 AND 312053 THRU 312085 B AVIOES 312006 A 312085 (POS MOD BS 312-033-0011) B AIRCRAFT 312006 THRU 312085 (POST MOD SB 312-033-0011) )						



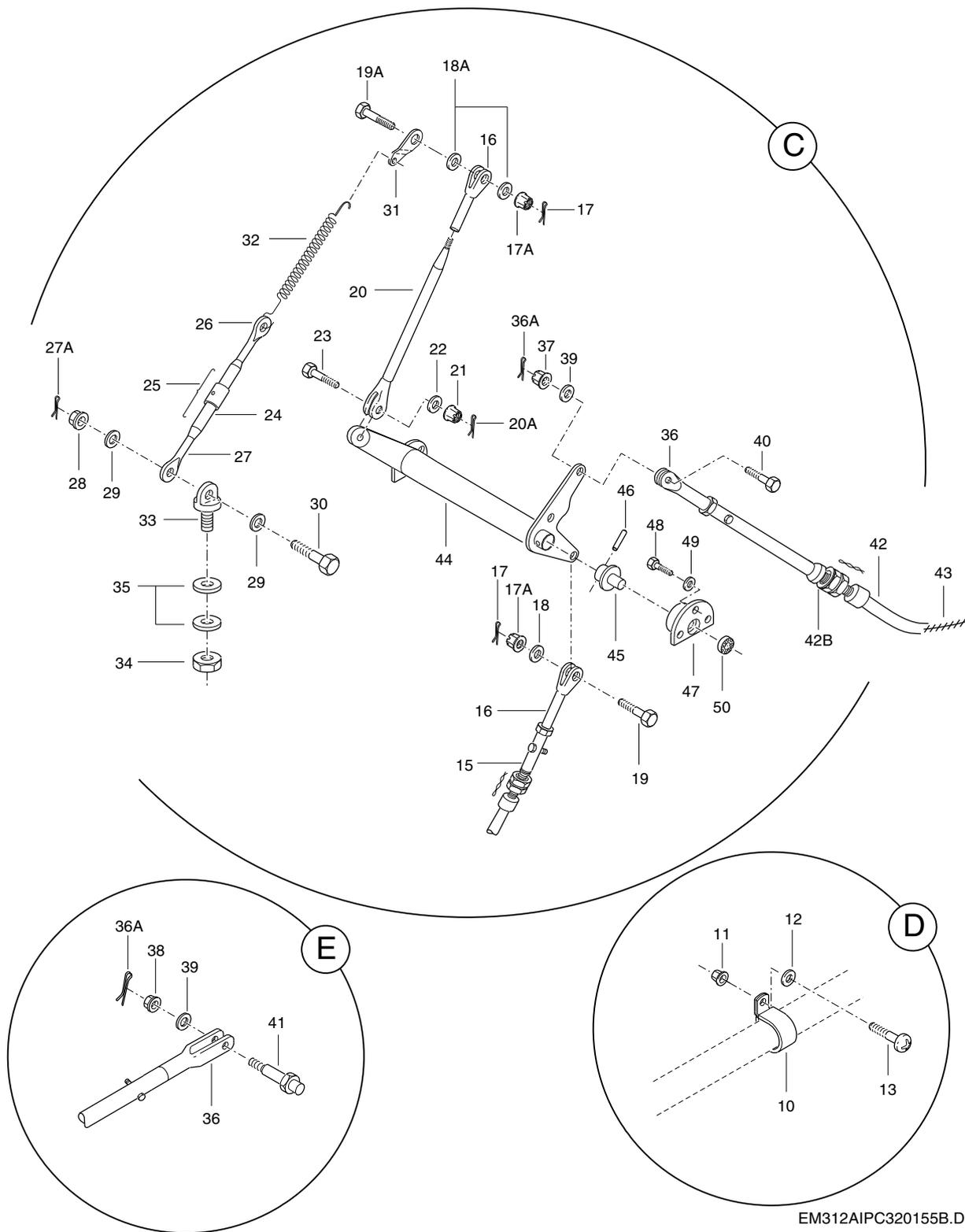
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FIGURA 03. MECANISMO DE COMANDO DO TREM DE POUSO INST (FOLHA 1 DE 2)  
FIGURE 03. LANDING GEAR CONTROL MECHANISM INSTL (SHEET 1 OF 2)

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REVISÃO 8  
CHANGE 8



EM312AIPC320155B.DGN

FIGURA 03. MECANISMO DE COMANDO DO TREM DE POUSO INST (FOLHA 2 DE 2)  
 FIGURE 03. LANDING GEAR CONTROL MECHANISM INSTL (SHEET 2 OF 2)

REVISÃO 8  
 CHANGE 8

32-30-01

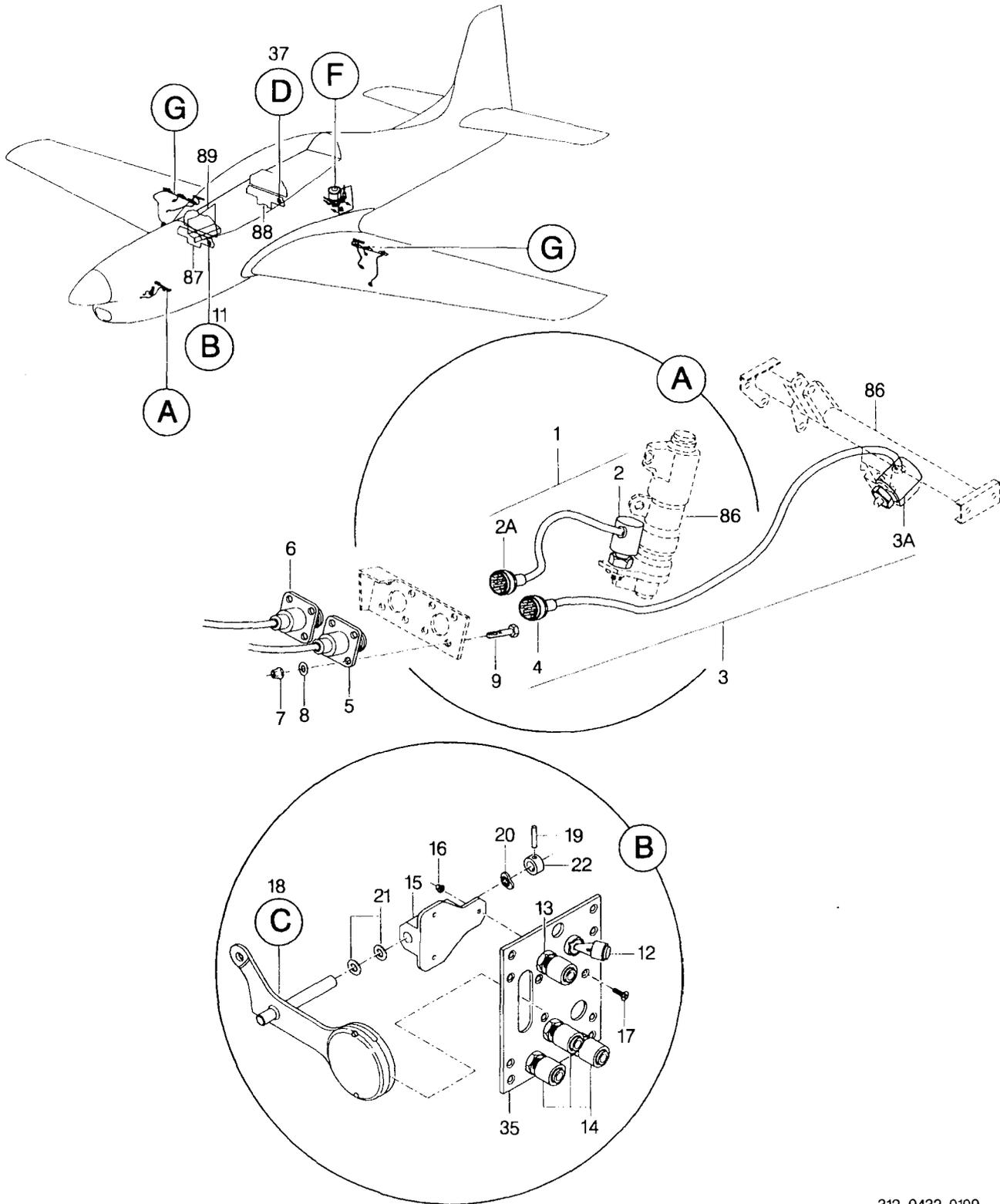
4-281

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03		MECANISMO DE COMANDO DO TREM DE POUSO INSTL .. LANDING GEAR CONTROL MECHANISM INSTL .....				
1	PE65022-24	.UNIDADE TELESCOPICA .....	001JK	1		
		UNIT, TELESCOPIC .....				
2	MS24665-134	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
3	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF) .....	88044	1		
		NUT, HEXAGON, CASTELLATED, STEEL (AP) .....				
4	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
5	AN3-6	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
6	312-10400-001	.TUBO, CONJUNTO .....	001JK	1	A	
		TUBE ASSY-LANDING GEAR CONTROL .....				
	312-16671-001	.TUBO, CONJ-COMANDO TREM POUSO .....	001JK	1	B	
		TUBE ASSY-LDG CONTROL .....				
7	MS21103-5	.BRACADEIRA (PF) .....	96906	1		
		CLAMP, PLAIN, SUPPORT LOOP CRES (AP) .....				
8	PE65009	.CONECTOR DE LINHA .....	001JK	1		
		CONNECTOR, LINE .....				
9	312-10401-001	.CONDUITE CONL .....	001JK	1	A	
		CASING ASSY .....				
	312-16671-003	.TUBO, CONJ-COMANDO TREM POUSO .....	001JK	1	B	
		TUBE ASSY-LDG CONTROL .....				
9A	NAS1149F1032P	.ARRUELA PLANA-ACO .....	80205	2		
		WASHER, FLAT-STEEL .....				
10	MS21103-5	.BRACADEIRA .....	96906	1	006/437	
		CLAMP, PLAIN, SUPPORT LOOP CRES .....				
11	MS21042L3	.PORCA (PF) .....	96906	1		
		NUT (AP) .....				
12	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
13	MS27039-1-06	.PARAFUSO (PF) .....	96906	1	006/437	
		SCREW (AP) .....				
14	312-08349-009	.CABO .....	001JK	1		
		CABLE .....				
15	28157-20	.UNIDADE TELESCOPICA .....	78710	1		
		UNIT, TELESCOPIC .....				
16	AN665-21R	.TERMINAL-GARFO .....	88044	2		
		FORK END .....				
	AN315-3R	.PORCA .....	88044	2		
		NUT .....				
17	MS24665-134	.CONTRA PINO (PF) .....	96906	2		
		PIN, COTTER (AP) .....				
17A	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF) .....	88044	2		
		NUT, HEXAGON, CAS TELLATED, STEEL (AP) .....				
18	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
18A	AN960-10	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
19	AN3-5	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
19A	AN3-6	.PINO ROSCADO (PF) .....	88044	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
20	312-02123-001	BOLT (AP) .....				
		.HASTE .....	001JK	1		
		.ROD, LANDING GEAR CONTROL .....				
20A	MS24665-134	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
21	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF) .....	88044	1		
		NUT, HEXAGON, CASTELLATED, STEEL (AP) .....				
22	AN960-10L	.ARRUELA (PF) .....	88044	1		
		WASHER, FLAT (AP) .....				
23	AN3-5	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
24	MS21251-B2S	.CORPO ESTICADOR .....	96906	1		
		BARREL, TURNBUCKLE .....				
25	MS21256-1	.GRAMPO-FRENO .....	96906	1		
		CLIP, TURNBUCKLE LOCKING .....				
26	MS21254-2RS	.TERMINAL PARA CABOS, EXTREMIDADE OLH .....	96906	1		
		TERMINAL WIRE ROPE, EYE END, STEEL .....				
27	MS21254-2LS	.ESTICADOR PARA CABO .....	96906	1		
		TURNBUCKLE .....				
27A	MS24665-134	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
28	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF) .....	88044	1		
		NUT, HEXAGON, CASTELLATED, STEEL (AP) .....				
29	AN960-10	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
30	AN3-5	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
31	312-04497-001	.SUPORTE .....	001JK	1		
		SUPPORT .....				
32	312-10519-001	.MOLA .....	001JK	1		
		SPRING, TRACTION, LANDING GEAR .....				
33	AN42B-4	.TERMINAL PARA CABO COM OLHAL .....	88044	1		
		ROD END .....				
34	MS21042L3	.PORCA (PF) .....	96906	1		
		NUT (AP) .....				
35	AN960-10	.ARRUELA PLANA (PF) .....	88044	2		
		WASHER, FLAT (AP) .....				
36	PE65022-20	.UNIDADE TELESCOPICA .....	001JK	2		
		UNIT, TELESCOPIC .....				
36A	MS24665-134	.CONTRA PINO (PF) .....	96906	2		
		PIN, COTTER (AP) .....				
37	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF) .....	88044	1		
		NUT, HEXAGON, CASTELLATED, STEEL (AP) .....				
38	AN320-3	.PORCA (PF) .....	88044	1		
		NUT (AP) .....				
39	AN960-10L	.ARRUELA (PF) .....	88044	2	006/144	
		WASHER, FLAT (AP) .....				
	AN960-10L	.ARRUELA (PF) .....	88044	1	145/999	
		WASHER, FLAT (AP) .....				
40	AN3-6	.PINO ROSCADO (PF) .....	88044	1		
		BOLT (AP) .....				
41	312-09831-001	.PINO-TRAVA (PF) .....	001JK	1		
		PIN, LOCKING (AP) .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
03						
42	312-10541-001	.CONDUITE CONL.....	001JK	1		
		CASING ASSY.....				
42A	MS35489-9	.ILHOS BOR NBR .....	96906	1		
		GROMMET,RUBBER NBR.....				
42B	NAS1149F1032P	.ARRUELA PLANA-ACO.....	80205	2		
		WASHER,FLAT-STEEL.....				
43	312-08349-011	.CABO .....	001JK	1		
		CABLE .....				
44	312-02120-001	.BALANCEAMENTO .....	001JK	1		
		BALANCE BEAM .....				
45	312-08312-001	.TERMINAL .....	001JK	2		
		END-FITTING .....				
46	PE25041-057-03	.PINO (PF) .....	001JK	2		
		PIN,SPRING (AP).....				
47	312-08313-001	.FLANGE .....	001JK	2		
		FLANGE .....				
48	MS27039-1-06	.PARAFUSO-CABECA ABAULADA,FENDA EM CRUZ,ACO(PF) .....	96906	6	006/437	
		SCREW-PAN HEAD,CROSS RECESS,STEEL(AP) .....				
49	MS35338-43	.ARRUELA (PF) .....	96906	6		
		WASHER (AP).....				
50	MS27645-4A	.ROLAMENTO.....	96906	2		
		BEARING .....				
	MS20995C32	.ARAME DE FRENO .....	96906			CR
		WIRE-LOCK,SSTEEL.....				
		 EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312052, 312054 A 312148, 312150 A 312434, 312440 A 312453 A AIRCRAFT 312006 THRU 312052, 312054 THRU 312148, 312150 THRU 312434, 312440 THRU 312453 B AVIOE8 312053 A 312053, 3121149 A 312117, 3120435 A 3120439, 312454 E SEGUINTE B AIRCRAFT 312053 THRU 312053, 3121149 THRU 312117, 3120435 THRU 3120439, 312454 AND ON				





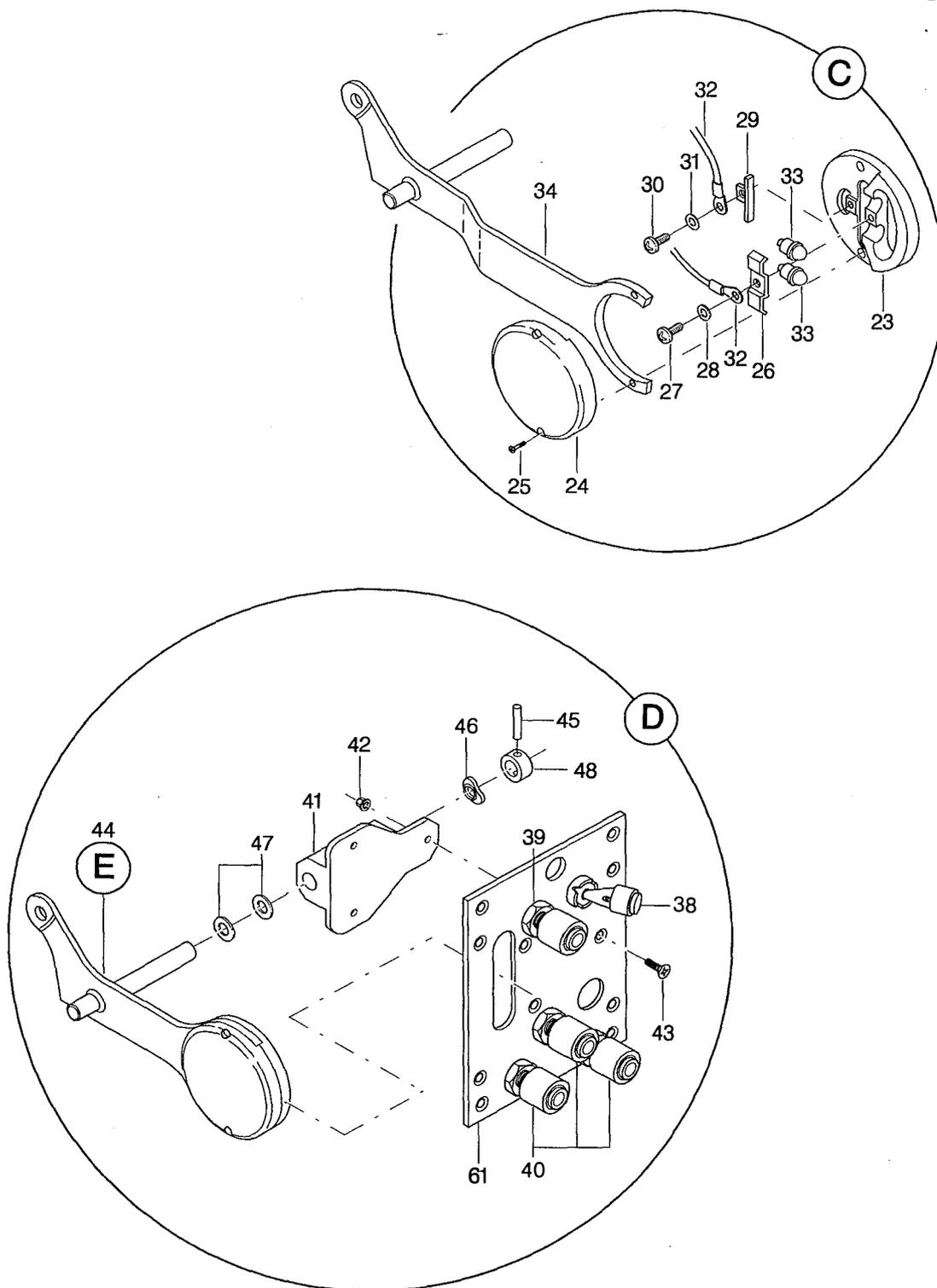
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FIGURA 04. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 1 DE 4)  
FIGURE 04. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 1 OF 4)

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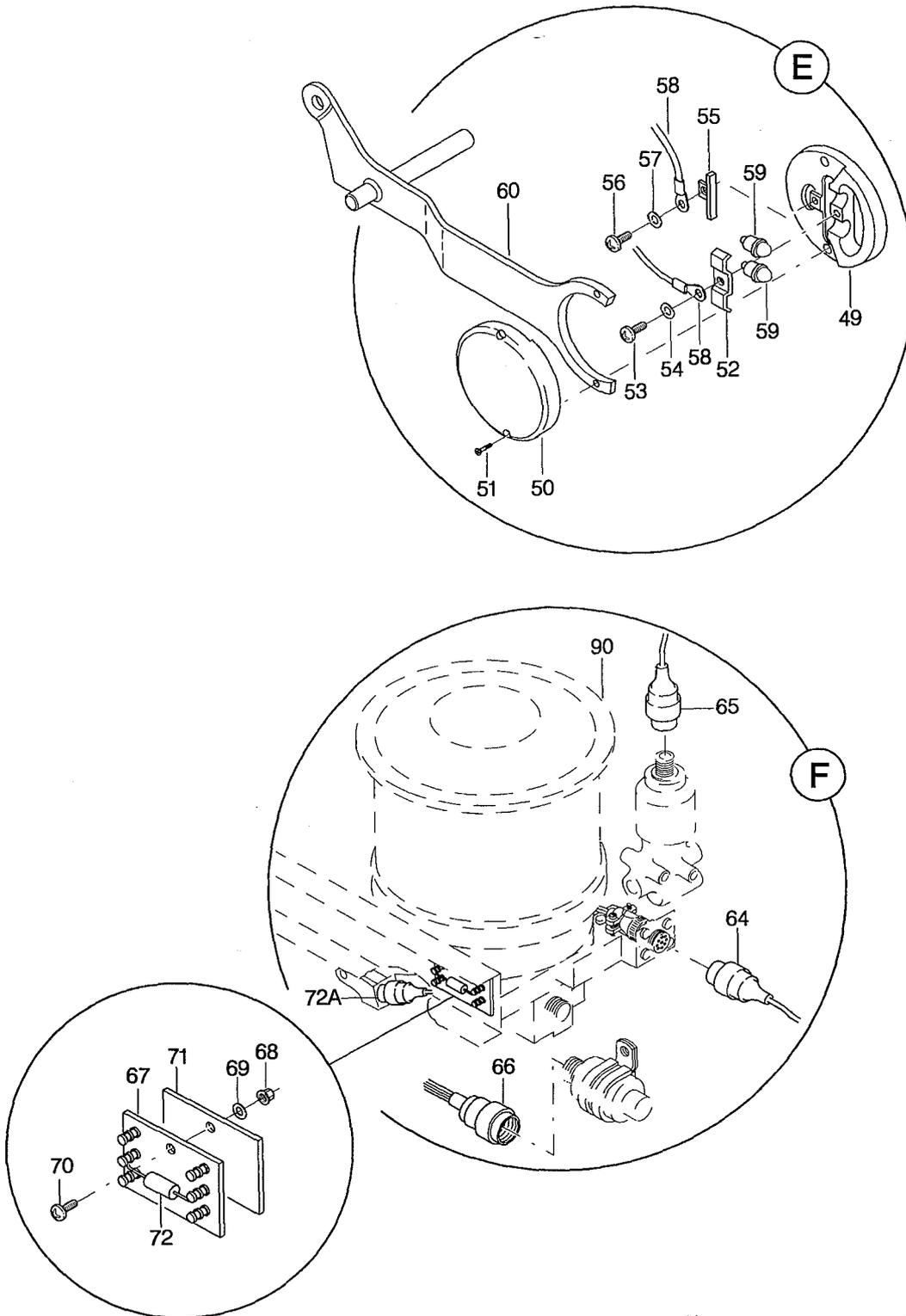


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FIGURA 04. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 2 DE 4)  
 FIGURE 04. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 2 OF 4)

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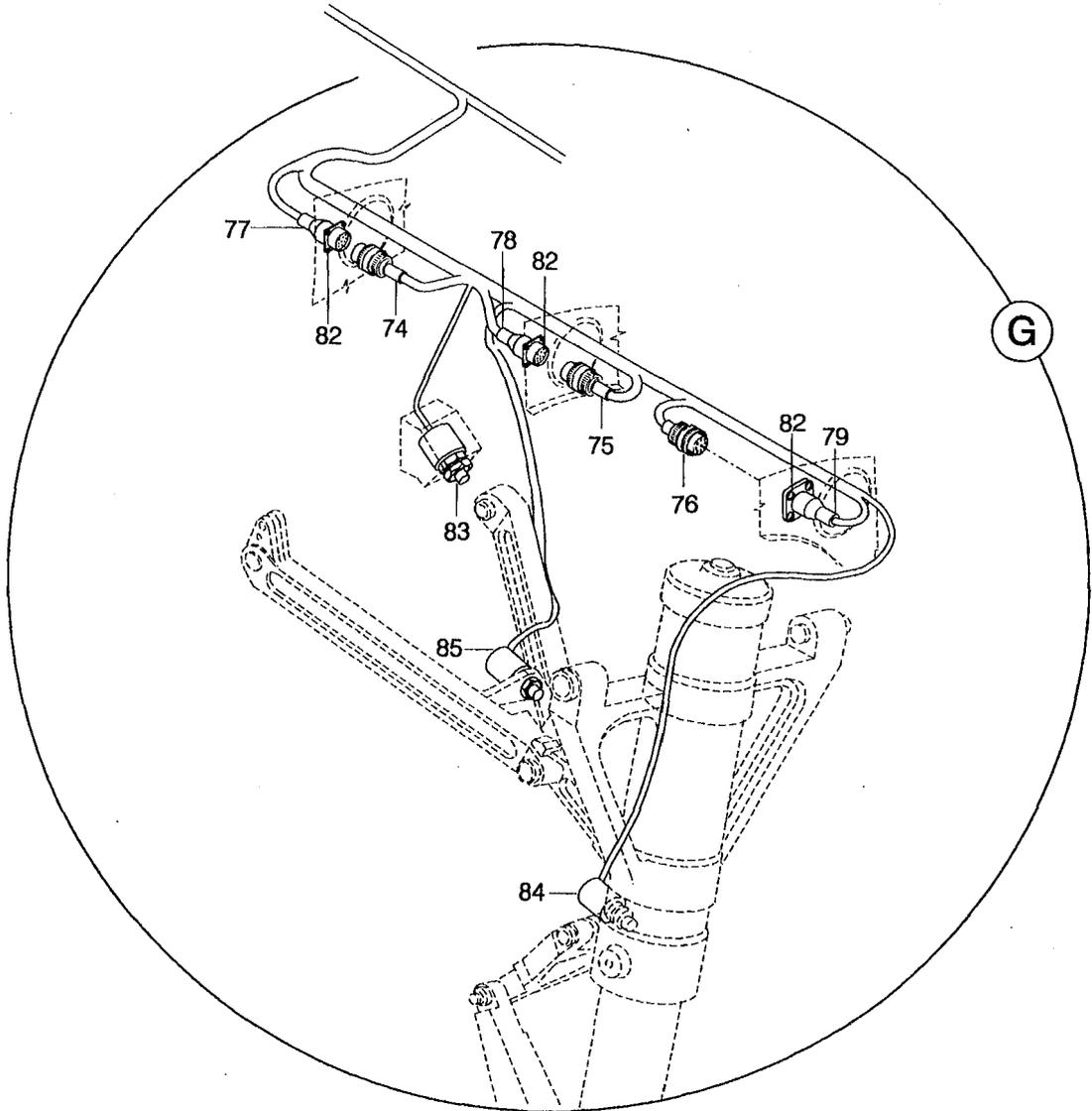


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FIGURA 04. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 3 DE 4)  
FIGURE 04. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 3 OF 4)

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312 0432 0112

FIGURA 04. COMANDO ELETRICO DOS TRENS DE POUSO INSTL (FOLHA 4 DE 4)  
FIGURE 04. LANDING GEAR ELECTRICAL CONTROL INSTL (SHEET 4 OF 4)

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CHANGE 2

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04		COMANDO ELETRICO DOS TRENS DE POUSO INSTL..... LANDING GEAR ELECTRICAL CONTROL INSTL.....		REF	A	
1	312-08557-001	.CABLAGEM TREM AUXILIAR EMBAIXO..... HARNES,NLG LOWERED.....	S4956	1		
2	MS27240-2	..MICROINTERRUPTOR (S11)..... MICROSWITCH (S11).....	96906	1		
2 A	MS3126P12-8P	..CONECTOR (P117)..... CONNECTOR (P117).....	96906	1		
	312-24894-001	..... WASHER.....	S4956	1	283999	
	202A121-3-00	..... BOOT,THERMORESTRINGENT.....	06090	1		
3	312-08558-001	.CABLAGEM TREM AUXILIAR RECOLHIDO..... HARNES, LOCKED UP, NLG.....	S4956	1		
3 A	1CH21-4	..MICROINTERRUPTOR (S21)..... MICROSWITCH (S21).....	91929	1		
4	MS3126P10-6P	..CONECTOR (P118)..... CONNECTOR,ELETRIC (P118).....	96906	1		
	202A121-3-00	..... BOOT,THERMORESTRINGENT.....	06090	1		
5	MS3120P10-6S	.CONECTOR (J118)..... CONNECTOR,FIXED ELECTRIC (J118).....	96906	1		
6	MS3120P12-8S	.CONECTOR (J117)..... CONNECTOR (J117).....	96906	1		
7	H14-04	.PORCA (PF)..... NUT (AP).....	15653	8		
8	AN960-3L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	8		
9	MS35206-214	.PARAFUSO (PF)..... SCREW (AP).....	96906	8		
11	312-12044-001	.PAINEL DE COMANDO DIANTEIRO CONJ..... PANEL ASSY, CONTROL, FWD FLT STA.....	S4956	1		
	MS24693-C50	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
12	413-610-5F	..INTERRUPTOR (S27)..... SWITCH (S27).....	S4956	1		
13	MS25041-4-327	..LUZ INDICADORA (PORTAS) (DS13)..... LIGHT, INDICATOR (WHEELWELL DOORS) (DS13).....	96906	1		
14	801-1030-0332-504	..LUZ INDICADORA (POSICAO DO TREM)(PRE MOD BS 312-033-0011) (DS7, DS8, DS9)..... LIGHT, INDICATOR (GEAR POSITION)(PRE MOD SB 312-033-0011) (DS7, DS8, DS9).....	72619	3	045282	
	01-91180-3-327	..LUZ INDICADORA (POSICAO DO TREM) (DS115, DS116, DS117)..... LIGHT, INDICATOR (GEAR POSITION) (DS115, DS116, DS117).....	76854	3	B	
	CM 7341	..LAMPADA..... LAMP.....	71744	3		
15	312-02074-001	..MANCAL..... BEARING.....	S4956	1		
16	H14-08	..PORCA (PF)..... NUT,SPLINE (AP).....	15653	3		
17	MS24694-S5	..PARAFUSO (PF)..... SCREW (AP).....	96906	3		
18	312-07177-001	..ALAVANCA CONJ..... LEVER ASSY.....	S4956	1		
19	MS16562-213	..PINO ELASTICO (PF)..... PIN, SPRING (AP).....	96906	1		
20	PE24024-080-03	..ARRUELA ELASTICA,ACO (PF)..... WASHER,SPRING,STEEL (AP).....	S4956	1		

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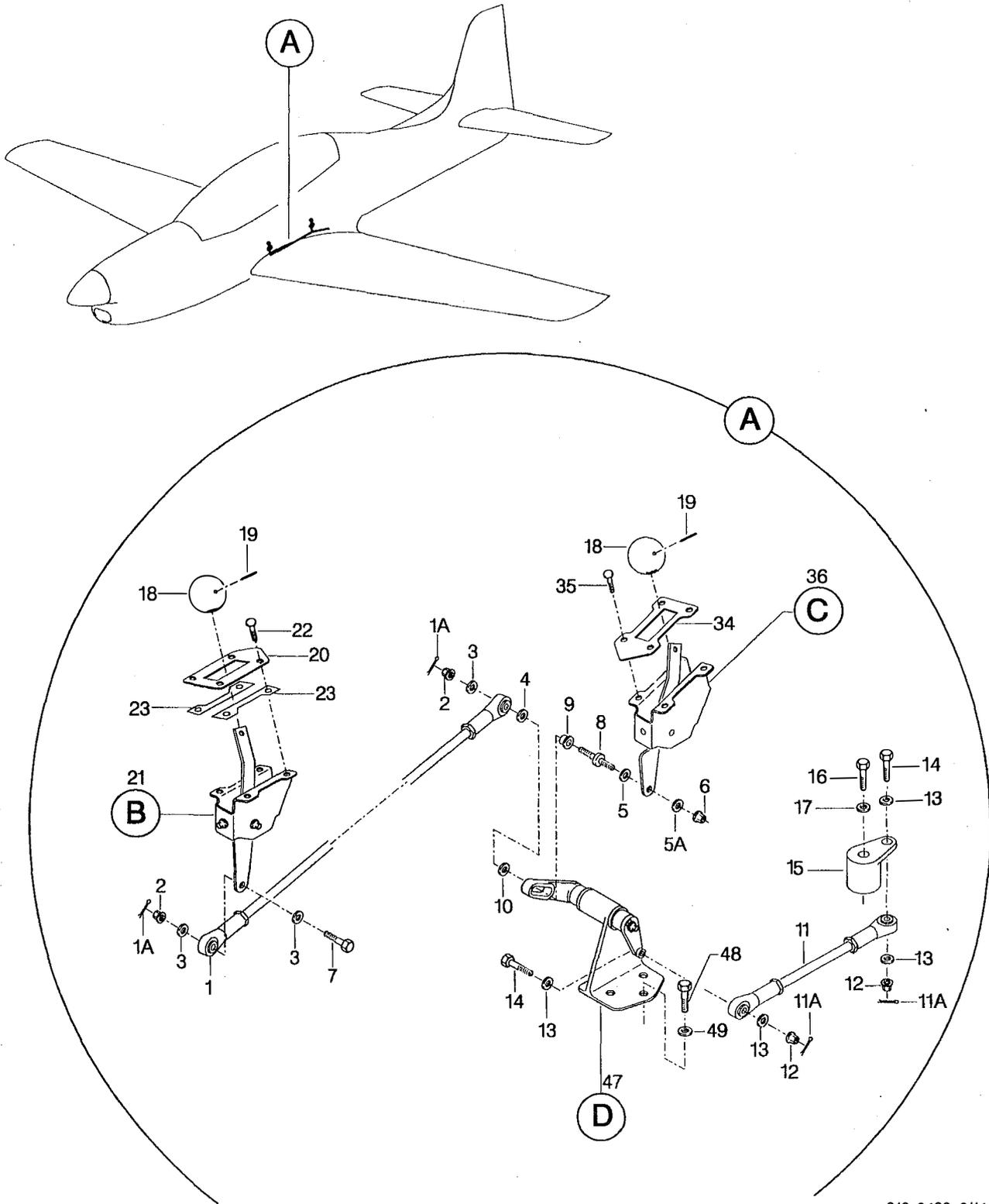
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
25	MS51957-16	..PARAFUSO (PF)..... SCREW (AP).....	96906	2		
26	312-02081-001	..PRENDEDOR-ALAVANCA,PAINEL COMANDO T..... FASTENER,LANDING GEAR PANEL.....	S4956	1		
27	MS51957-13	..PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW (AP).....	96906	1		
28	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
29	312-02082-001	..CHAPA DE CONTATO..... PLATE, CONTACT.....	S4956	1		
30	MS51957-12	..PARAFUSO (PF)..... SCREW (AP).....	96906	1		
31	MS35333-36	..ARRUELA (PF)..... WASHER (AP).....	96906	1		
32	PE88036-1	..TERMINAL..... TERMINAL.....	S4956	2		
33	MS25237-327R	..LAMPADA (TREM EM TRANSITO) (DS3, DS4)..... LAMP (LANDING GEAR IN TRANSIT) (DS3, DS4).....	96906	2		
34	312-07175-001	..ALAVANCA..... LEVER.....	S4956	1		
35	312-02075-001	..PAINEL DE ACRILICO..... PANEL, ACRYLIC.....	S4956	1		
37	312-02071-001	..PAINEL DE COMANDO TRASEIRO CONJ..... PANEL ASSY, CONTROL, AFT FLT STA.....		1		
	MS24693-C50	..PARAFUSO (PF)..... SCREW (AP).....	96906	4		
38	413-610-5F	..INTERRUPTOR..... SWITCH.....	S4956	1		
39	MS25041-4-327	..LUZ INDICADORA (PORTAS) (DS14)..... LIGHT, INDICATOR (WHEELWELL DOORS) (DS14).....	96906	1		
40	801-1030-0332-504	..LUZ INDICADORA (PRE MOD BS 312-033-0011) (DS 10, DS11, DS12)..... LIGHT, INDICATOR (PRE MOD SB 312-033-0011) ( DS10, DS11, DS12).....	72619	3	045282	
	01-91180-3-327	..LUZ INDICADORA..... LIGHT, INDICATOR.....	76854	3	B	
	CM 7341	..LAMPADA..... LAMP.....	71744	3		
41	312-02074-001	..MANCAL..... BEARING.....	S4956	1		
42	H14-08	..PORCA (PF)..... NUT,SPLINE (AP).....	15653	3		
43	MS24694-S5	..PARAFUSO (PF)..... SCREW (AP).....	96906	3		
44	312-02072-001	..ALAVANCA CONJ..... LEVER ASSY.....	S4956	1		
45	MS16562-213	..PINO ELASTICO (PF)..... PIN, SPRING (AP).....	96906	1		
46	PE24024-080-03	..ARRUELA ELASTICA,ACO (PF)..... WASHER,SPRING,STEEL (AP).....	S4956	1		
47	AN960-516	..ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
48	312-02077-001	..BUCHA..... BUSHING.....	S4956	1		
49	312-10388-001	..CAPA PROTETORA ESQ..... KNOB, HALF, LH.....	S4956	1	105999	
	312-02080-001	..CAPA PROTETORA ESQ..... KNOB, HALF, LH.....	S4956	1	085104	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
50	312-02079-001	...CAPA PROTETORA DIR..... KNOB, HALF, RH.....	S4956	1		
51	MS51957-16	...PARAFUSO (PF)..... SCREW (AP).....	96906	2		
52	312-02081-001	...PRENDEDOR-ALAVANCA,PAINEL COMANDO T..... FASTENER, LANDING GEAR PANEL.....	S4956	1		
53	MS51957-13	...PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW (AP).....	96906	1		
54	MS35333-36	...ARRUELA (PF)..... WASHER (AP).....	96906	1		
55	312-02082-001	...CHAPA DE CONTATO..... PLATE, CONTACT.....	S4956	1		
56	MS51957-12	...PARAFUSO (PF)..... SCREW (AP).....	96906	1		
57	MS35333-36	...ARRUELA (PF)..... WASHER (AP).....	96906	1		
58	PE88036-1	...TERMINAL..... TERMINAL.....	S4956	2		
59	MS25237-327R	...LAMPADA (TREM EM TRANSITO) (DS5, DS6)..... LAMP (LANDING GEAR IN TRANSIT) (DS5, DS6).....	96906	2		
60	312-02078-001	...ALAVANCA..... LEVER.....	S4956	1		
61	312-02075-001	...PAINEL DE ACRILICO..... PANEL, ACRYLIC.....	S4956	1		
64	MS3106F14S-2S	...CONECTOR (RESERVATORIO HIDRAULICO)..... CONNECTOR (HYDRAULIC RESERVOIR).....	96906	1		
65	MS3106F10SL-4S	...CONECTOR (VALVULAS TRES VIAS) (P56)..... CONNECTOR (THREE-WAY VALVE) (P56).....	96906	1		
66	MS3106F10SL-3S	...CONECTOR (CONTACTOR MANOMETRICO) (P227)..... CONNECTOR (PRESSURE SWITCH) (P227).....	96906	1		
67	PE95093-1	...PORTA-RESISTOR (TB13)..... HOLDER, RESISTOR (TB13).....	S4956	1		
68	H14-04	...PORCA (PF)..... NUT (AP).....	15653	2		
69	AN960-3L	...ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
70	MS35206-215	...PARAFUSO (PF)..... SCREW (AP).....	96906	2		
71	312-09620-005	...CHAPA DE ISOLACAO..... SHEET, INSULATING.....	S4956	1		
72	1N4007	...DIODO (CR8)..... DIODE (CR8).....		1		
72 A	8SD818-1	...SOLENOIDE (L0010)..... SOLENOID (L0010).....	99743	1		
74	MS3126P10-6P	...CONECTOR (P120, P122)..... CONNECTOR, ELETRIC (P120, P122).....	96906	1		
75	MS3126P12-8P	...CONECTOR (P119, P121)..... CONNECTOR (P119, P121).....	96906	1		
76	MS3126P10-6P	...CONECTOR (P134, P135)..... CONNECTOR, ELETRIC (P134, P135).....	96906	1		
77	MS3120P10-6S	...CONECTOR (J120, J122)..... CONNECTOR, FIXED ELECTRIC (J120, J122).....	96906	1		
78	MS3120P12-8S	...CONECTOR (J119, J121)..... CONNECTOR (J119, J121).....	96906	1		
79	MS3120P10-6S	...CONECTOR (J134, J135)..... CONNECTOR, FIXED ELECTRIC (J134, J135).....	96906	1		
	H14-04	...PORCA (PF)..... NUT (AP).....	15653	12		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
76	MS3126P10-6P	.CONECTOR (P134, P135)..... CONNECTOR,ELETRIC (P134, P135).....	96906	1		
77	MS3120P10-6S	.CONECTOR (J120, J122)..... CONNECTOR,FIXED ELECTRIC (J120, J122).....	96906	1		
78	MS3120P12-8S	.CONECTOR (J119, J121)..... CONNECTOR (J119, J121).....	96906	1		
79	MS3120P10-6S	.CONECTOR (J134, J135)..... CONNECTOR,FIXED ELECTRIC (J134, J135).....	96906	1		
	H14-04	.PORCA (PF)..... NUT (AP).....	15653	12		
	AN960-3L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	12		
82	MS35206-215	.PARAFUSO (PF)..... SCREW (AP).....	96906	12		
83	1CH21-4	.MICROINTERRUPTOR (S20, S22)..... MICROSWITCH (S20, S22).....	91929	1		
84	1CH21-4	.MICROINTERRUPTOR (S25, S26)..... MICROSWITCH (S25, S26).....	91929	1		
85	MS27240-2	.MICROINTERRUPTOR (S10, S12)..... MICROSWITCH (S10, S12).....	96906	1		
86		UTILIZACAO ESPECIFICA USO TEA/AIT MECANISMO DO TDP DE NARIZ INSTL (VEJA FIG 32-20-02-02)..... NOSE LANDING GEAR MECHANISM INSTL (SEE FIG 32-20-02-02).....		REF		
87		UTILIZACAO ESPECIFICA USO TEA/AIT PAINEL PRINCIPAL INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... MAIN PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....		REF		
88		UTILIZACAO ESPECIFICA USO TEA/AIT PAINEL PRINCIPAL INSTL, POSTO TRASEIRO (VEJA CAP 39)..... MAIN PANEL INSTL, REAR FLIGHT STATION (SEE CHAPTER 39).....		REF		
89		UTILIZACAO ESPECIFICA USO TEA/AIT PAINEL DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....		REF		
90		UTILIZACAO ESPECIFICA USO TEA/AIT SIST HIDRAULICO PRINCIPAL INSTL, FUSL, ENTRE AS CAV 14 E 19 (VEJA CAP 29)..... MAIN HYDR PWR SPLY SYS INSTL, FUSLG, BETWEEN FRAMES 14 & 19 (SEE CHAPTER 29).....		REF		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312045 A 312052 (POS MOD BS 312-032-0008), 312085 312-032-0008), 312085 E SEGUINTE A AIRCRAFT 312045 THRU 310052 (POST MOD SB 312-032-0008), 312085 312-032-0008), 312085 AND ON B AVIOES 312045 A 312282 (POS MOD BS 312-033-0011), 312283 312-033-0011), 312283 E SEGUINTE B AIRCRAFT 312045 THRU 312282 (POST MOD SB 312-033-0011), 312283 312-033-0011), 312283 AND ON				

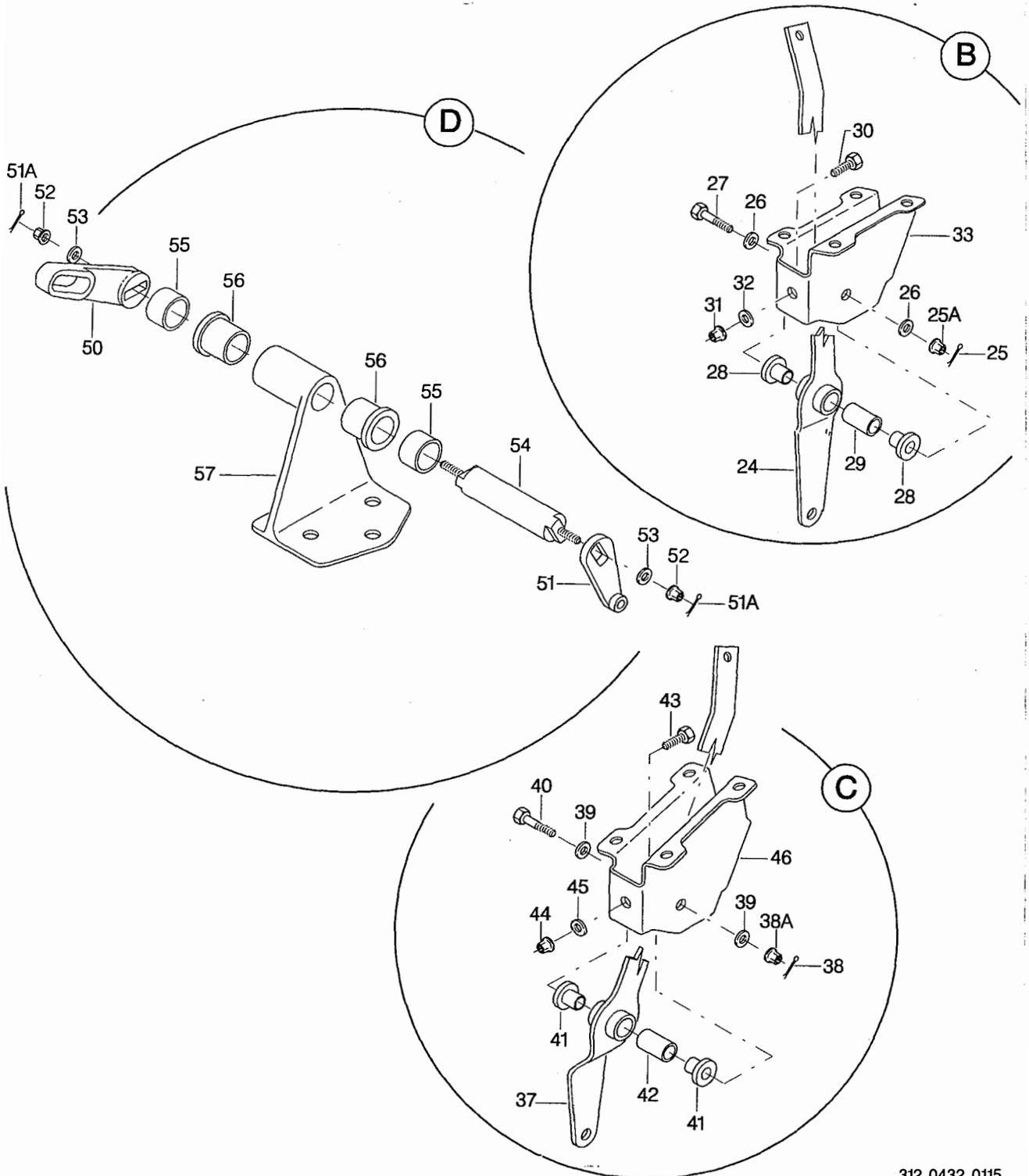


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FIGURA 02. COMANDO DE EMERGENCIA DO TREM DE POUSO INSTL (FOLHA 1 DE 2)  
FIGURE 02. EMERGENCY LANDING GEAR CONTROL INSTL (SHEET 1 OF 2)

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FIGURA 02. COMANDO DE EMERGENCIA DO TREM DE POUSO INSTL (FOLHA 2 DE 2)  
 FIGURE 02. EMERGENCY LANDING GEAR CONTROL INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		COMANDO DE EMERGENCIA DO TREM DE POUSO INSTL EMERGENCY LANDING GEAR CONTROL INSTL.....		REF		
1	312-08575-001	.HASTE CONJ..... ROD ASSY.....	S4956	1		
1 A	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
2	AN320-3	.PORCA (PF)..... NUT (AP).....	88044	2		
3	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	3		
4	312-08570-001	.ARRUELA (PF)..... WASHER (AP).....	S4956	1		
5	AN960-416L	.ARRUELA PLANA,ACO (PF)..... WASHER,FLAT,STEEL (AP).....	88044	1		
5 A	AN960-416L	.ARRUELA PLANA,ACO (PF)..... WASHER,FLAT,STEEL (AP).....	88044	1	020999	
	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1	006019	
6	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1	020999	
7	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
8	312-10994-001	.PRISIONEIRO (PF)..... STUD (AP).....	S4956	1	020999	
	AN3-11	.PINO ROSCADO (PF)..... BOLTSTOR (AP).....	88044	1	006019	
9	312-08561-001	.ESPACADOR..... SPACER.....	S4956	1		
10	312-08565-001	.BUCHA..... BUSHING.....	S4956	1		
11	312-08665-001	.HASTE..... LEVER,EMERG LDG.....	S4956	1		
11 A	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
12	AN320-3	.PORCA (PF)..... NUT (AP).....	88044	2		
13	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
14	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	312-08566-001	.HASTE..... ROD.....	S4956	1		
	312-08559-001	.TERMINAL ROTULADO..... ROD END, BEARING.....	S4956	2		
	NAS509-4	.PORCA (PF)..... NUT (AP).....	80205	2		
15	312-08568-001	.ALAVANCA..... LEVER.....	S4956	1		
16	AN3-7A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
17	PE24023-10	.ARRUELA (PF)..... WASHER (AP).....	S4956	1		
18	312-08571-001	.MANOPLA CONJ..... HANDLE ASSY.....	S4956	2	006019	
	312-11011-001	.MANOPLA CONJ..... HANDLE ASSY.....	S4956	2	020999	
19	312-11039-001	.PARAFUSO (PF)..... SCREW (AP).....	S4956	2		
20	312-08619-001	.LAPELA..... LAPEL.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
21	312-08666-501	.ALAVANCA DIANTEIRA CONJ..... LEVER ASSY, FWD FLT STA.....	S4956	1	065999	
	312-08666-503	.ALAVANCA DIANTEIRA CONJ..... LEVER ASSY, FWD FLT STA.....	S4956	1	020064	
	312-08666-001	.ALAVANCA DIANTEIRA CONJ..... LEVER ASSY, FWD FLT STA.....	S4956	1	006019	
22	MS51957-28	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
23	312-11044-001	.CALCO (PF)..... SHIM (AP).....	S4956	2		
24	312-10978-001	.ALAVANCA..... LEVER.....	S4956	1	020999	
	312-08574-001	.ALAVANCA..... LEVER.....	S4956	1	006019	
25	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
25 A	AN320-4	.PORCA (PF)..... NUT (AP).....	88044	1		
26	AN960-416L	.ARRUELA PLANA, ACO (PF)..... WASHER, FLAT, STEEL (AP).....	88044	2		
27	AN4-7	.PINO ROSCADO (PF)..... BOLT, HEXAGON HEAD, STEEL (AP).....	88044	1		
28	312-08563-001	.BUCHA..... BUSHING.....	S4956	2		
29	312-08572-001	.BUCHA..... BUSHING.....	S4956	1		
30	312-09452-001	.PINO ROSCADO..... BOLT.....		2	006099	
	NAS428K3A11	.PINO ROSCADO..... BOLT.....	80205	2	100999	
31	312-04427-001	.PORCA (PF)..... NUT (AP).....	S4956	2		
32	PE24023-10	.ARRUELA (PF)..... WASHER (AP).....	S4956	2		
33	312-08470-001	.SUPORTE..... SUPPORT.....	S4956	1	A	
	312-11017-001	.SUPORTE..... SUPPORT.....	S4956	1	020064	
34	312-08618-001	.LAPELA..... LAPEL.....	S4956	1		
35	MS51957-28	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
36	312-08667-501	.ALAVANCA TRASEIRA CONJ..... LEVER ASSY, AFT FLT STA.....	S4956	1	020999	
	312-08667-001	.ALAVANCA TRASEIRA CONJ..... LEVER ASSY, AFT FLT STA.....	S4956	1	006019	
37	312-10977-001	.ALAVANCA..... LEVER.....	S4956	1	020999	
	312-08573-001	.ALAVANCA..... LEVER.....	S4956	1	006019	
38	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
38 A	AN320-4	.PORCA (PF)..... NUT (AP).....	88044	1		
39	AN960-416	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
40	AN4-10	.PINO ROSCADO (PF)..... BOLT, HEXAGON HEAD, STEEL (AP).....	88044	1		

32-30-02

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
Q2						
41	312-08563-001	..BUCHA..... BUSHING.....	S4956	2		
42	312-08572-001	..BUCHA..... BUSHING.....	S4956	1		
43	312-09452-001	..PINO ROSCADO (ALTERNATIVA USE PN NAS428K3-11 )..... BOLT (ALTERNATIVE USE PN NAS428K3-11).....		2	006044	
	NAS428K3A11	..PINO ROSCADO..... BOLT.....	80205	2	045999	
44	312-04427-001	..PORCA (PF)..... NUT (AP).....	S4956	2		
45	PE24023-10	..ARRUELA (PF)..... WASHER (AP).....	S4956	2		
46	312-08461-001	..SOPORTE..... SUPPORT.....	S4956	1		
47	312-08668-501	..MANCAL CONJ..... BEARING ASSY.....	S4956	1	021999	
	312-08668-001	..MANCAL CONJ..... BEARING ASSY.....	S4956	1	006020	
48	AN3-4A	..PINO ROSCADO (PF)..... BOLT (AP).....	88044	3	045999	
	AN3-3A	..PINO ROSCADO (PF)..... BOLT (AP).....	88044	3	006044	
49	PE24023-10	..ARRUELA (PF)..... WASHER (AP).....	S4956	3		
50	312-12429-001	..ALAVANCA..... LEVER.....	S4956	1	021999	
	312-08564-001	..ALAVANCA..... LEVER.....	S4956	1	006020	
51	312-08562-001	..ALAVANCA..... LEVER.....	S4956	1		
51 A	MS24665-134	..CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
52	AN320-4	..PORCA (PF)..... NUT (AP).....	88044	2		
53	AN960-416	..ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
54	312-08567-001	..EIXO..... SHAFT.....	S4956	1		
55	312-08569-001	..ESPACADOR..... SPACER.....	S4956	2		
56	PE64014-9	..BUCHA..... BUSHING.....	S4956	2		
57	312-08576-001	..MANCAL..... BEARING.....	S4956	1		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312019, 312065 E SEGUINTE A AIRCRAFT 312006 THRU 312019, 312065 AND ON				

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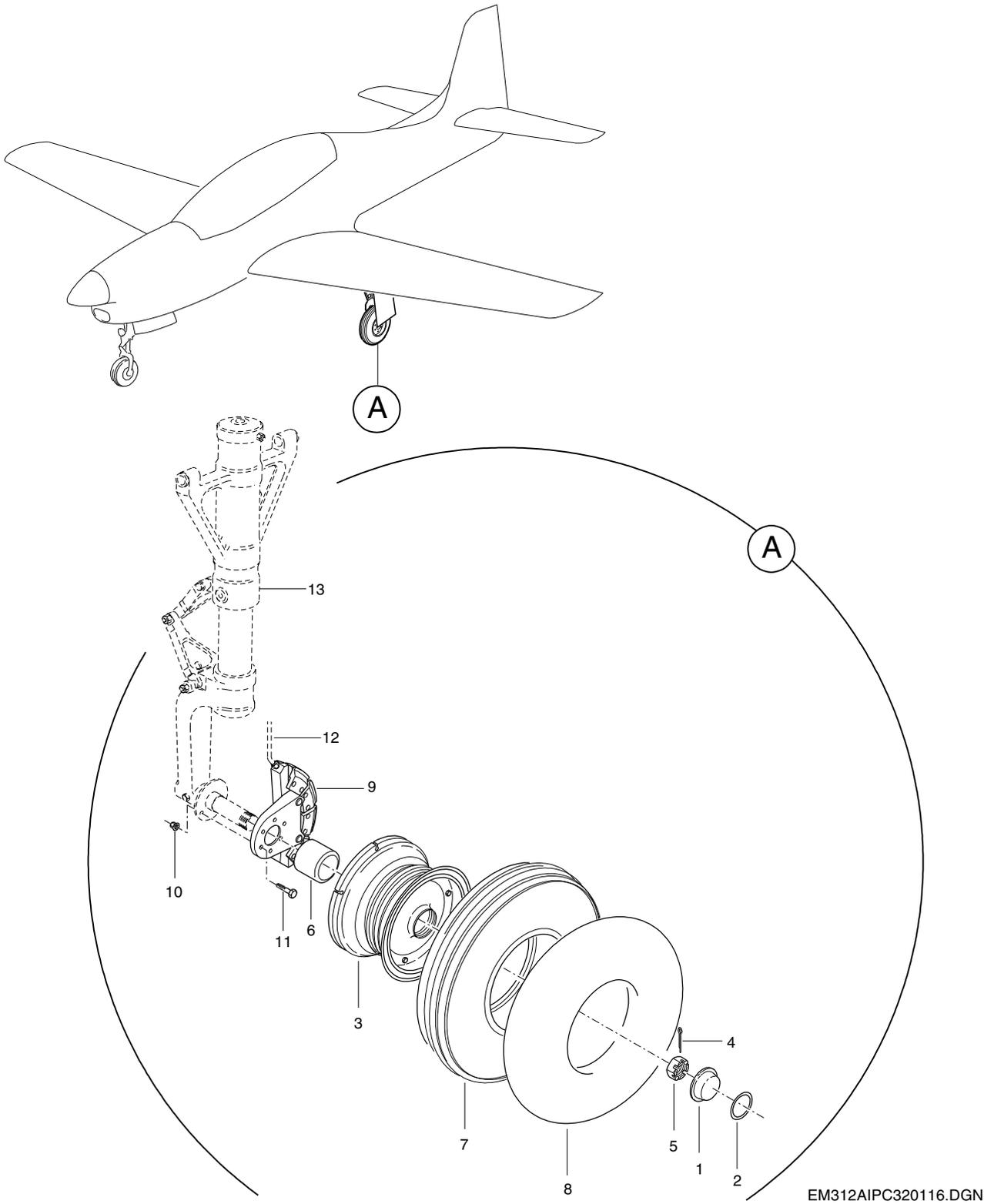


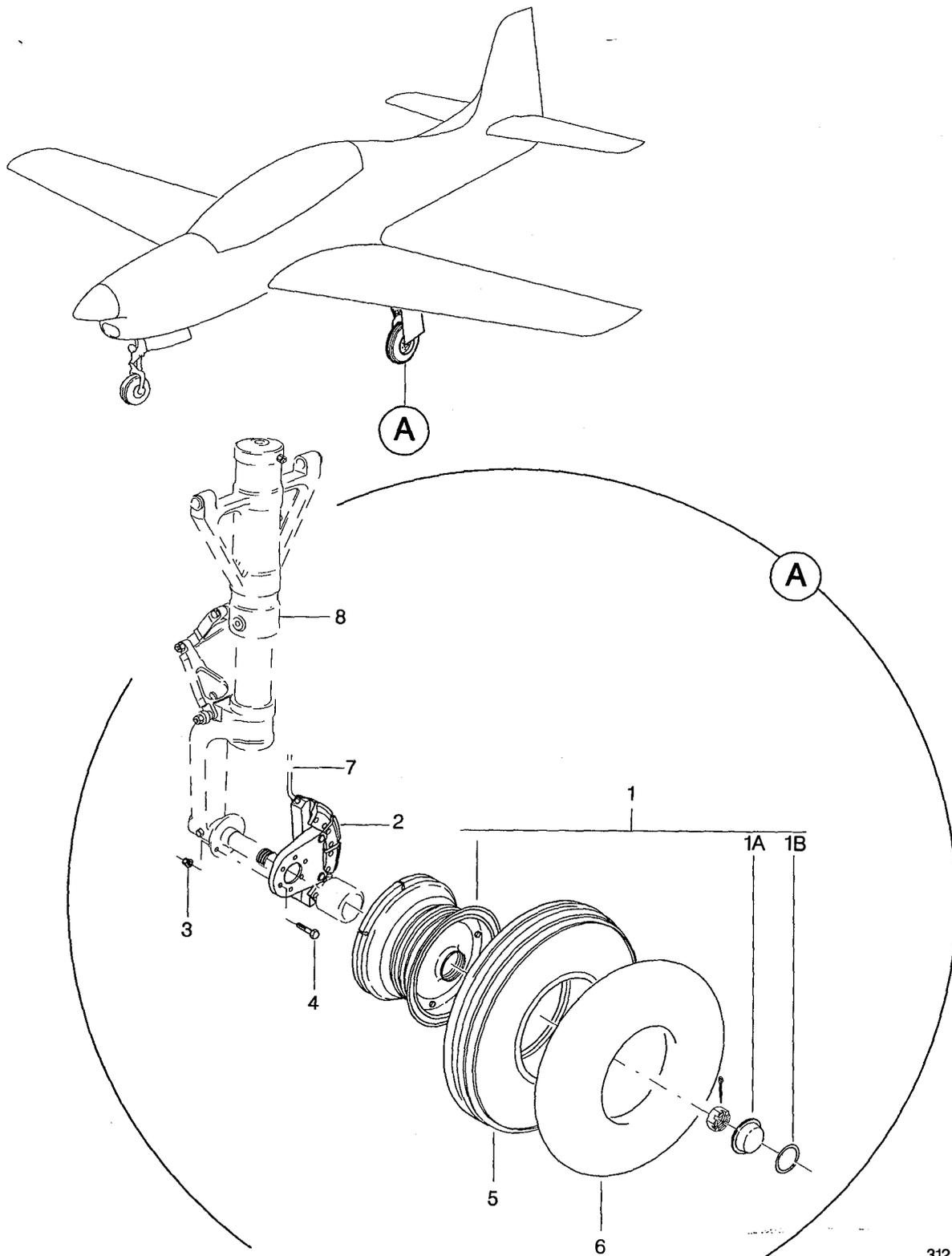
FIGURA 01. RODA EQUIPADA FREIO E PNEU INSTL, TREM DE POUZO PRINCIPAL ESQ/DIR  
FIGURE 01. EQUIPPED MAIN WHEEL INSTL, BRAKE & TIRE LH/RH

**32-40-00**

(4-299 em branco/blank)/4-300

REVISÃO 7  
CHANGE 7

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		RODA EQUIPADA FREIO E PNEU INSTL,TREM DE POUSO PRINCIPAL ESQ/DIR .....		REF	006084	
	1 158-00300	EQUIPPED MAIN WHEEL INSTL, BRAKE & TIRE LH/RH .....				
		.COPO COBERTURA .....	33269	1		
		CUP PROTECTIVE.....				
	2 3023	.ANEL TRAVA (PF) .....	33269	1		
		RING SNAP (AP) .....				
	3 40-130	.RODA CONJ .....	33269	1		
		WHEEL ASSY, MLG LH/RH .....				
	4 MS24665-360	.CONTRA PINO-BIPARTIDO,ACO (PF) .....	96906	1		
		PIN,COTTER-SPLIT,STEEL (AP).....				
	5 45334-00	.PORCA (PF) .....	77294	1		
		NUT (AP) .....				
	6 40337-000	.ESPACADOR .....	77294	1		
		SPACER,MLG WHEEL MLG .....				
	7 650C81B1	.PNEU (6,50-10,8 PR) (ALTERNATIVA USE PN 650GB1-5) ....	S7154	1		
		TIRE (6,50-10,8 PR) (ALTERNATIVE USE PN 650GB1-5) .....				
	8 806220	.CAMARA.....	S7154	1		
		TUBE.....				
	9 30-95B-LH	.FREIO CONJ ESQ (PARA DETALHES VEJA DESENHO NO .30-95B - PARKER HANNIFIN) .....	33269	1		
		BRAKE ASSY, LEFT (FOR DETAILS SEE DRAWN NO.30-95B - PARKER HANNIFIN) .....				
	30-95B-RH	.FREIO CONJ DIR (PARA DETALHES VEJA DESENHO NO .30-95B - PARKER HANNIFIN) .....	33269	1		
		BRAKE ASSY, RIGHT (FOR DETAILS SEE DRAWN NO.30-95B - PARKER HANNIFIN) .....				
	10 MS20365-524C	.PORCA (PF) .....	96906	6		
		NUT (AP) .....				
	11 AN5-7A	.PINO ROSCADO (PF) .....	88044	6		
		BOLT (AP) .....				
	12	.SIST HIDRAULICO DO FREIO INSTL, ASA (VEJA FIG 32-40-02-02) .....		REF		
		BRAKE HYDRAULIC SYSTEM INSTL, WING (SEE FIG 32 -40-02-02) .....				
	13	.TDP PRINCIPAL CONJ, ESQ (PARA DETALHES VEJA PUBLICACAO NO.O.T.4A-1-013) .....		REF		
		MAIN LANDING GEAR ASSY, LEFT (FOR DETAILS SEE PUBLICATION NO.T.4A-1-013) .....				
		.TDP PRINCIPAL CONJ, DIR (PARA DETALHES VEJA PUBLICACAO NO.O.T.4A-1-013) .....		REF		
		MAIN LANDING GEAR ASSY, RIGHT (FOR DETAILS SEE PUBLICATION NO.T.4A-1-013) .....				



312 0432 0117

FIGURA 02. RODA EQUIPADA, FREIO E PNEU INSTL, TREM DE POUSO PRINCIPAL ESQ/DIR  
FIGURE 02. EQUIPPED MAIN WHEEL INSTL, BRAKE & TIRE LH/RH

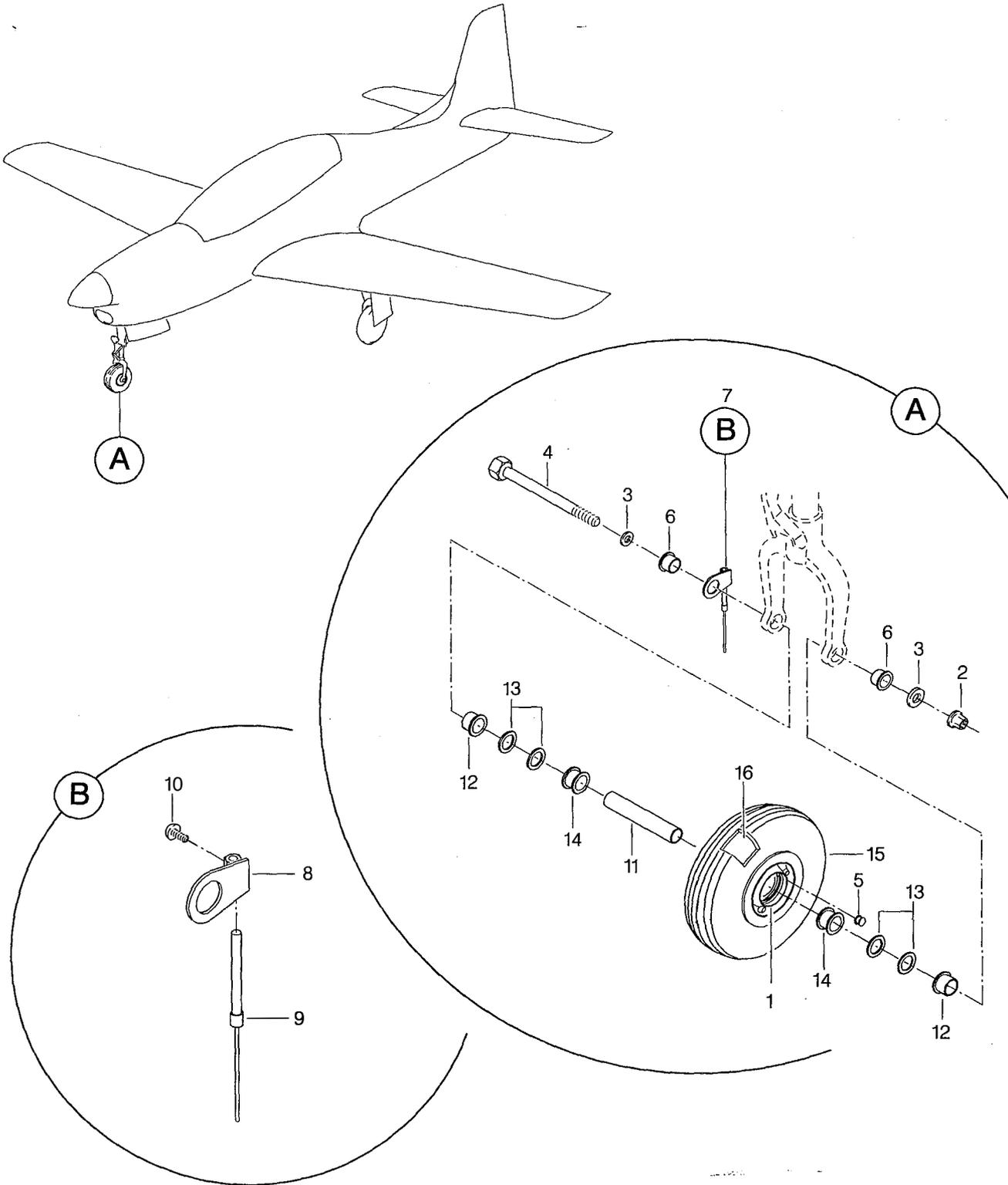
**32-40-00**

4-302

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		RODA EQUIPADA, FREIO E PNEU INSTL, TREM DE POU SO PRINCIPAL ESQ/DIR..... EQUIPPED MAIN WHEEL INSTL, BRAKE & TIRE LH/RH....		REF	085999	
1	40-130	.RODA CONJ..... WHEEL ASSY, MLG LH/RH.....	33269	1		
1 A	158-00300	..COPO COBERTURA..... CUP PROTECTIVE.....	33269	1		
1 B	3023	..ANEL TRAVA (PF)..... RING SNAP (AP).....	33269	1		
2	30-95B-LH	.FREIO CONJ ESQ (PARA DETALHES VEJA DESENHO NO . 30-95B - PARKER HANNIFIN)..... BRAKE ASSY, LEFT (FOR DETAILS SEE DRAWN NO. 3 0-95B - PARKER HANNIFIN).....	33269	1		
	30-95B-RH	.FREIO CONJ DIR (PARA DETALHES VEJA DESENHO NO . 30-95B - PARKER HANNIFIN)..... BRAKE ASSY, RIGHT (FOR DETAILS SEE DRAWN NO. 30-95B - PARKER HANNIFIN).....	33269	1		
	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
3	MS21042-5	.PORCA (PF)..... NUT, HEX, SELF-LOCKING, STEEL (AP).....	96906	6		
4	AN5-7A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	6		
5	650C81B1	.PNEU (6,50-10,8 PR) (ALTERNATIVA USE PN 650C8 1-5)..... TIRE (6,50-10,8 PR) (ALTERNATIVE USE PN 650C8 1-5).....	S7154	1		
6	806220	.CAMARA..... TUBE.....	S7154	1		
7		. SISTEMA HIDRAULICO FREIO INSTL, ASA (VEJA FI G 32-40-02-02)..... BRAKE HYDRAULIC SYSTEM INSTL, WING (SEE FIG 32 -40-02-02).....		REF		
8		. TDP PRINCIPAL CONJ, ESQ (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, LEFT (FOR DETAILS SEE PUBLICATION NO. T.O. 4A-1-013).....		REF		
		. TDP PRINCIPAL CONJ, DIR (PARA DETALHES VEJA PUBLICACAO NO. O.T. 4A-1-013)..... MAIN LANDING GEAR ASSY, RIGHT (FOR DETAILS SEE PUBLICATION NO. T.O. 4A-1-013).....		REF		

32-40-00

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312 0432 0118

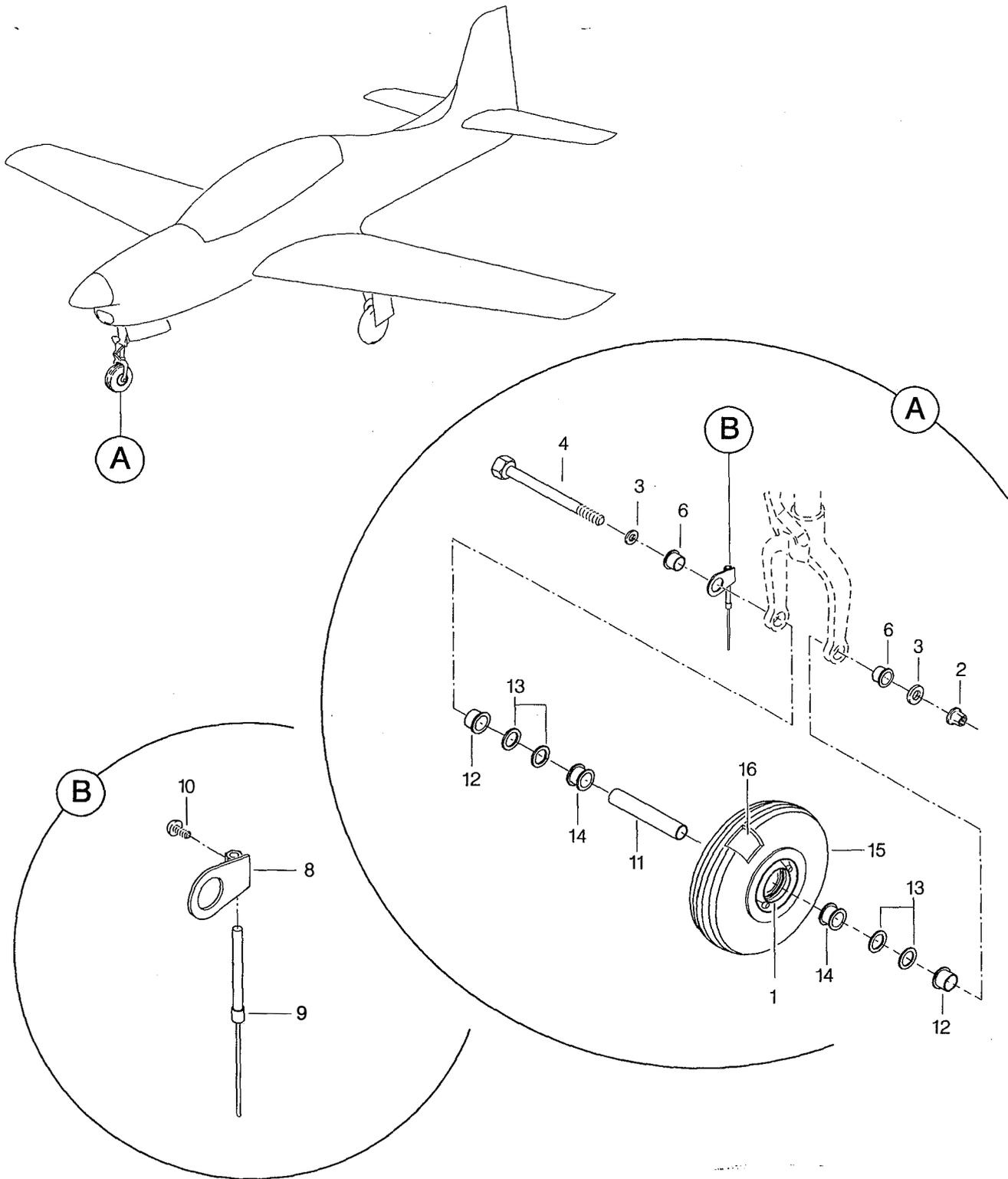
FIGURA 01. RODA EQUIPADA E PNEU INSTL, TREM DE POUZO DO NARIZ  
FIGURE 01. EQUIPPED NOSE WHEEL & TIRE INSTL

32-40-01

4-304

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		RODA EQUIPADA E PNEU INSTL, TREM DE POUSO DO N ARIZ..... EQUIPPED NOSE WHEEL & TIRE INSTL.....		REF	006084	
1	DI-1555-04-OL	.CUBO DA RODA (ESPECIFICACAO OTPC26C)..... HUB, WHEEL (SPECIFICATION OTPC26C).....	S4956	1		
2	MS21042L5	.PORCA (PF)..... NUT (AP).....	96906	1		
3	AN960-516L	.ARRUELA PLANA, ACO (PF)..... WASHER, FLAT, STEEL (AP).....	88044	2		
4	AN5-63A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
5	PE49055-1	.ILHOS..... GROMMET.....	S4956	1		
6	312-03922-001	.TAMPA..... COVER.....	S4956	2		
7	312-04493-001	.CABO DESCARGA ESTATICA, CONJ..... STATIC DISCHARGER ASSY.....	S4956	1		
8	312-04494-001	..SUPORTE..... SUPPORT.....	S4956	1		
9	094-2	..CABO..... CABLE.....	S4956	1		
	MS20995C20	..ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
10	MS35266-62	..PARAFUSO CAB ABAULADA CIL, ACO (PF)..... SCREW, DRILLED FILLISTER HEAD, STEEL (AP).....	96906	2		
11	312-05144-001	EIXO..... AXLE.....	S4956	1		
12	312-03923-001	.BUCHA..... BUSHING.....	S4956	2		
13	312-03945-001	.CALCO..... SHIM.....	S4956	4		
14	312-05145-001	.ESPACADOR..... SPACER.....	S4956	2		
15	505C81B1	.PNEU (5.00-5,8PR) (ALTERNATIVA USE PN 505C01- 2)..... TIRE (5.00-5,8PR) (ALTERNATIVE USE PN 505C01- 2).....	S7154	1		
16	805870	.CAMARA..... TUBE.....	S7154	1		

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312 0432 0119

FIGURA 02. RODA EQUIPADA E PNEU INSTL, TREM DE POUZO DO NARIZ  
FIGURE 02. EQUIPPED NOSE WHEEL & TIRE INSTL

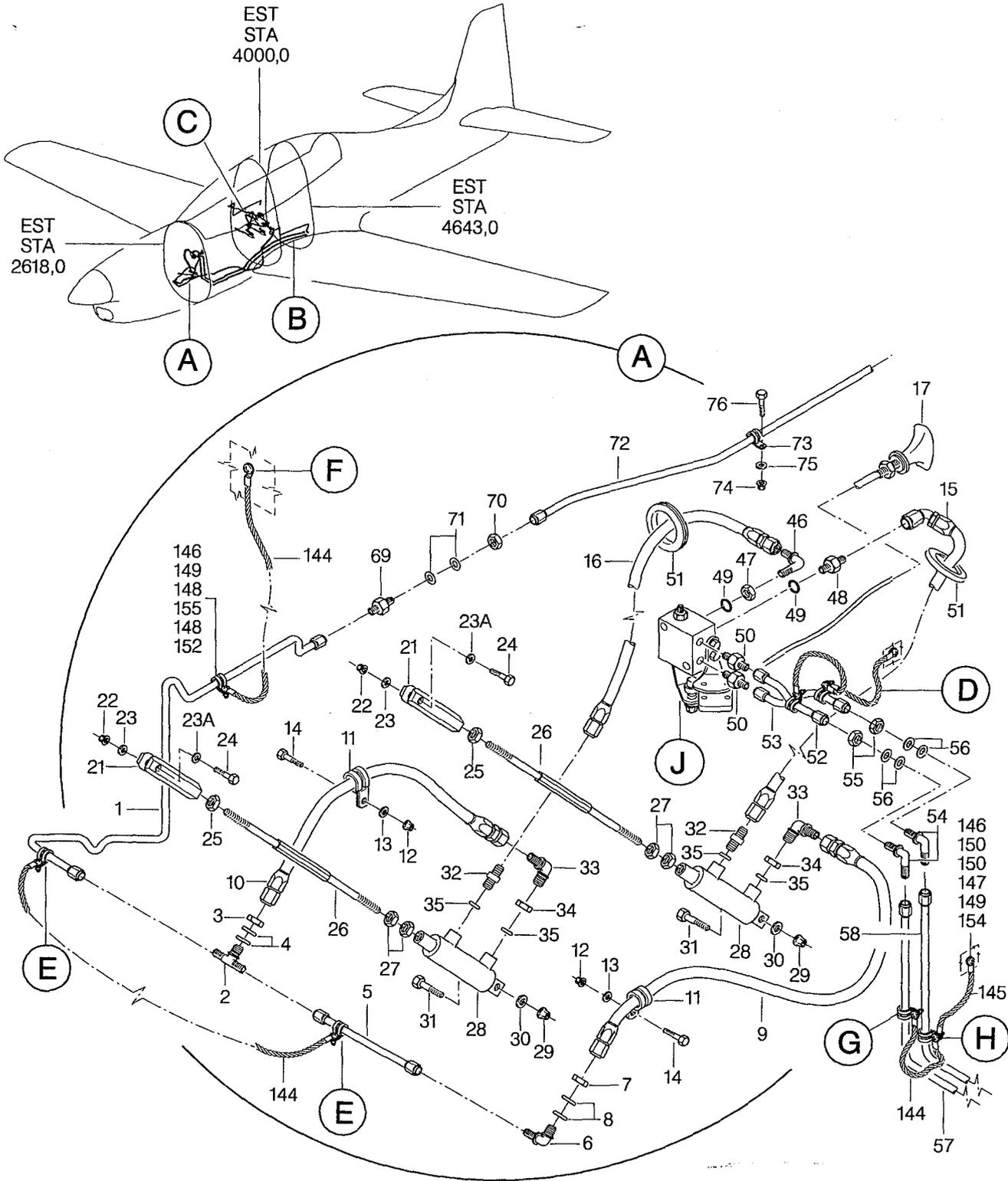
32-40-01

4-306

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		RODA EQUIPADA E PNEU INSTL, TREM DE POUSO DO N ARIZ..... EQUIPPED NOSE WHEEL & TIRE INSTL.....		REF	085999	
1	DI-1555-04-OL	.CUBO DA RODA (ESPECIFICACAO OTPC26C).....	S4956	1	085150	
	40-77B	HUB, WHEEL (SPECIFICATION OTPC26C)..... .RODA-CONJ (INTERC SENTIDO UNICO COM P/N=40-77 G)..... WHEEL ASSY, NLG (ONE-WAY INTERCH WITH P/N=40- 77G).....	33269	1	151999	
	40-77G	.RODA DO TDP AUX..... NOSE WHEEL ASSY.....	33269	1	151999	
2	MS21042L5	.PORCA (PF).....	96906	1		
3	AN960-516L	.ARRUELA PLANA, ACO (PF).....	88044	2		
4	AN5-63A	WASHER, FLAT, STEEL (AP)..... PINO ROSCADO (PF).....	88044	1		
6	312-03922-001	BOLT (AP)..... .TAMPA..... COVER.....	S4956	2		
8	312-04494-001	.SUPORTE..... SUPPORT.....	S4956	1		
9	PE88028-1	.CABO DESCARREGADOR DE POTENCIAL..... CABLE, STATIC DISCHARGE.....	S4956	1		
	MS20995C20	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
10	MS35266-62	.PARAFUSO CAB ABAULADA CIL, ACO (PF)..... SCREW, DRILLED FILLISTER HEAD, STEEL (AP).....	96906	2		
11	312-05144-001	.EIXO..... AXLE.....	S4956	1		
12	312-03923-001	.BUCHA..... BUSHING.....	S4956	2		
13	312-03945-001	.CALCO..... SHIM.....	S4956	4		
14	312-05145-001	.ESPACADOR..... SPACER.....	S4956	2		
15	505C81B1	.PNEU (5.00-5,8PR) (ALTERNATIVA USE PN 505C01- 2)..... TIRE (5.00-5,8PR) (ALTERNATIVE USE PN 505C01- 2).....	S7154	1		
16	805870	.CAMARA..... TUBE.....	S7154	1		

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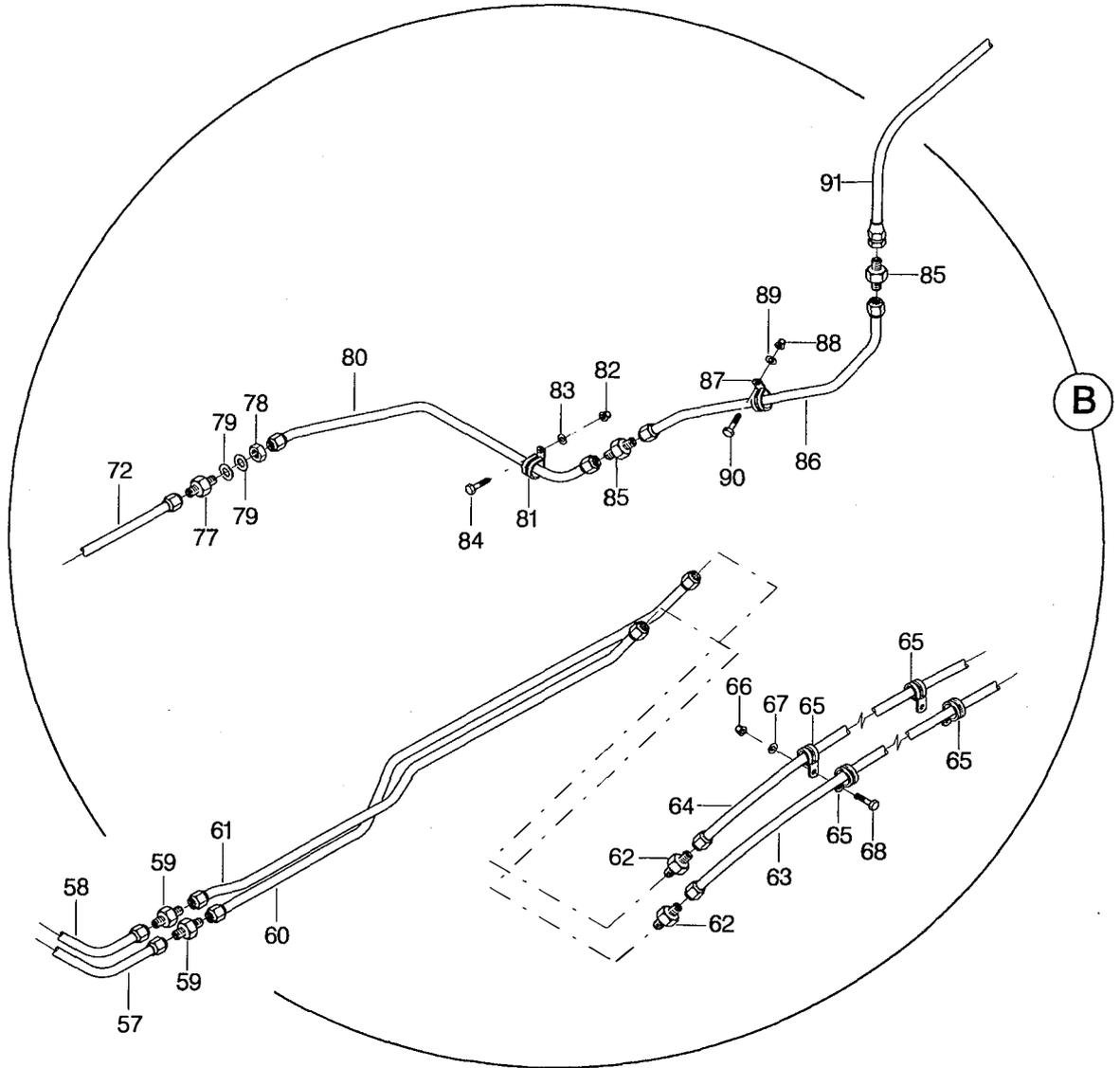


312 0432 0120

FIGURA 01. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 1 DE 4)  
FIGURE 01. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 1 OF 4)

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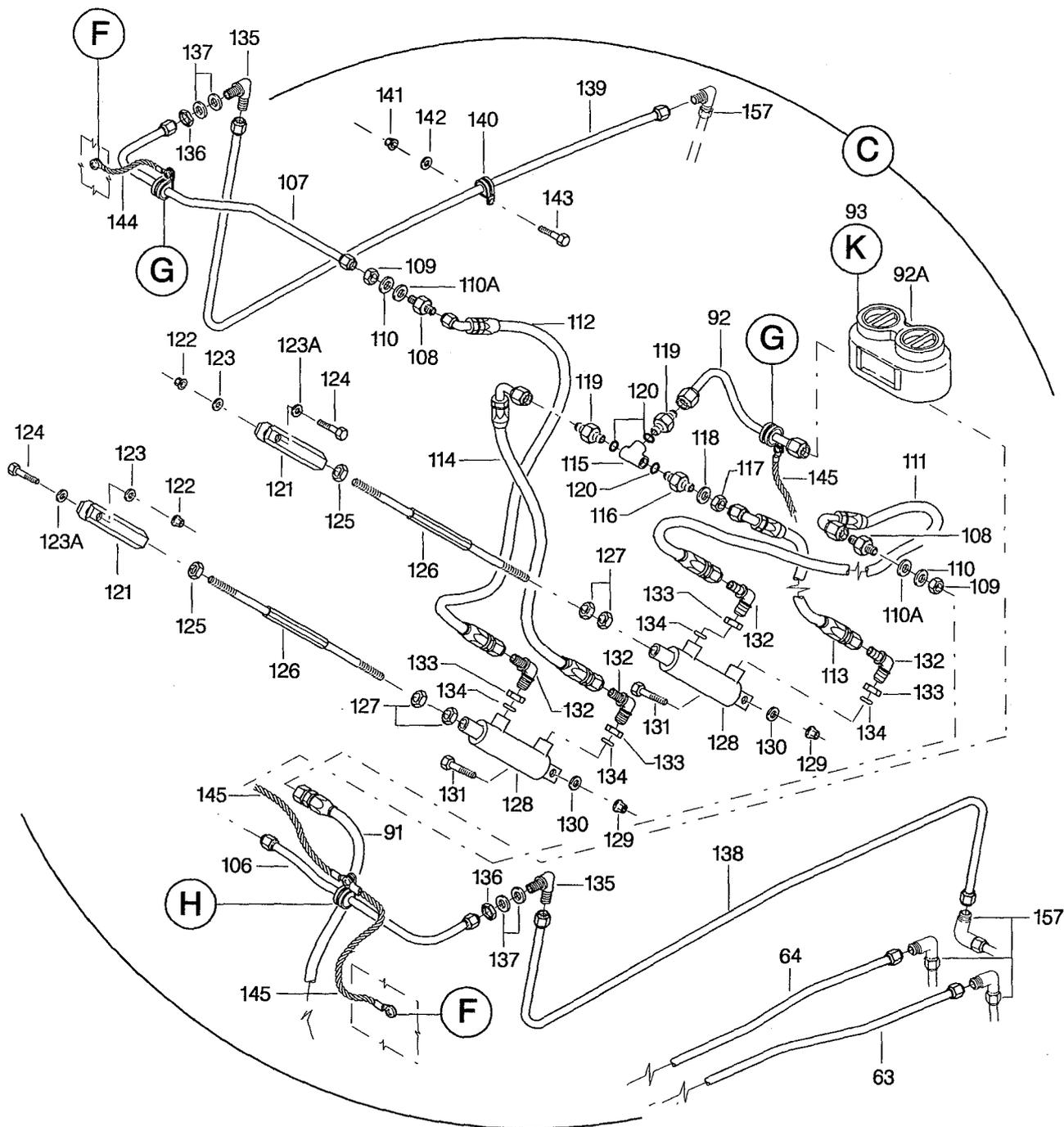


312 0432 0121

FIGURA 01. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 2 DE 4)  
FIGURE 01. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 2 OF 4)

32-40-02

4-309

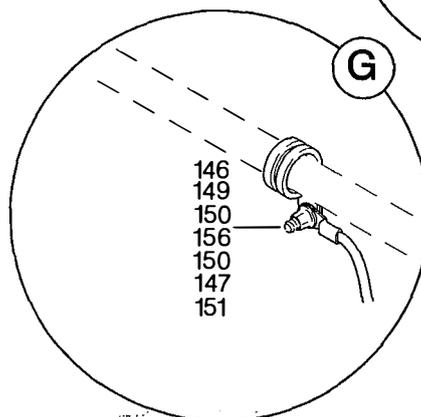
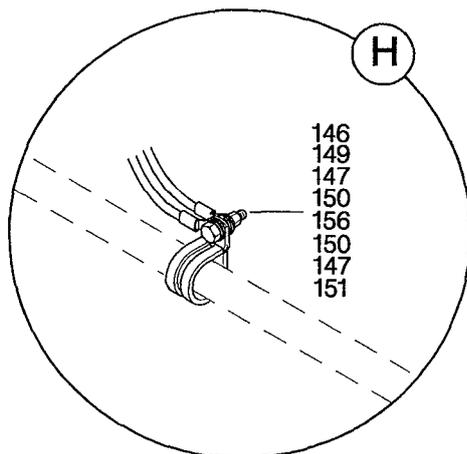
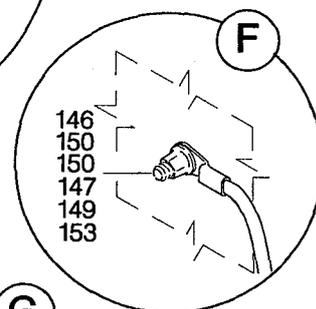
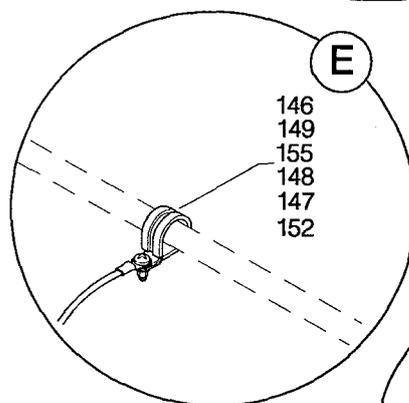
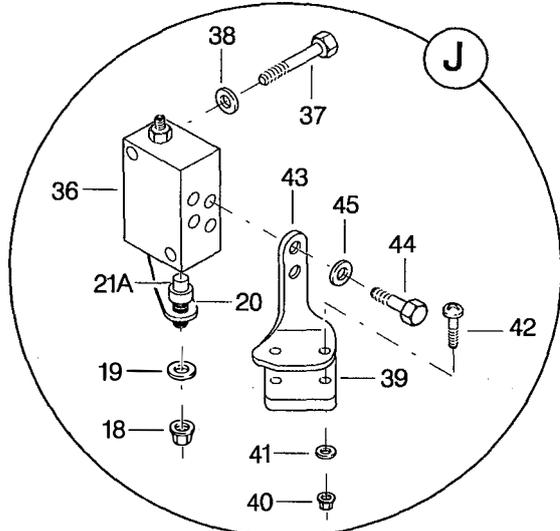
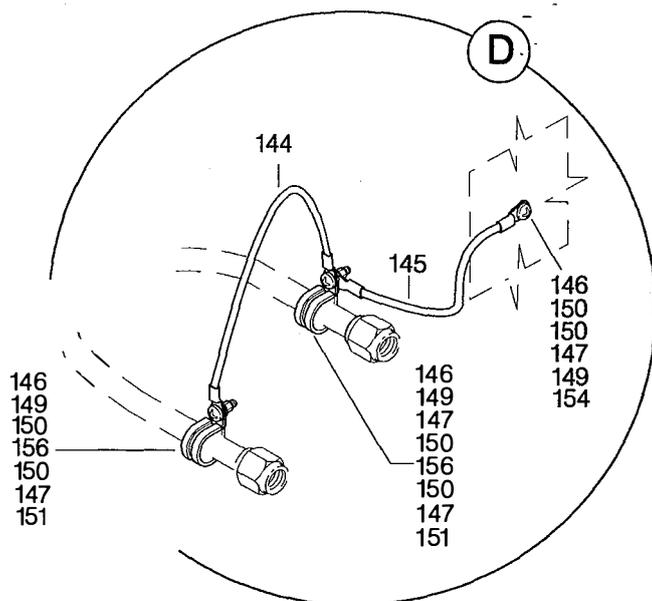
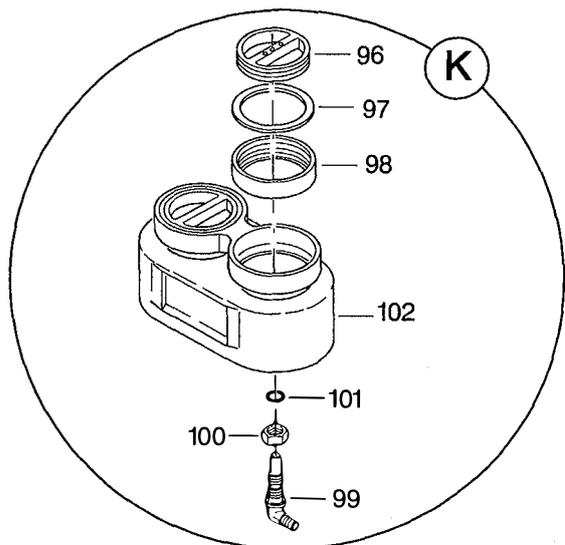


312 0432 0122

FIGURA 01. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 3 DE 4)  
FIGURE 01. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 3 OF 4)

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4-310



312 0432 0157

FIGURA 01. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 4 DE 4)  
FIGURE 01. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 4 OF 4)

**32-40-02**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA HIDRAULICO DO FREIO INSTL. FUSELAGEM... BRAKE HYDRAULIC SYSTEM INSTL. FUSELAGE.....		REF	A	
1	312-08194-001	TUBO CONJ..... LINE ASSY.....	S4956	1		
2	MS21909D4	.CONEXAO EM TE..... BULKEAD.....	96906	1		
3	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
4	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	2		
5	312-02667-001	TUBO CONJ..... LINE ASSY.....	S4956	1		
6	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
7	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
8	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	2		
9	312-08203-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11610-007	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
10	312-08202-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11610-005	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
11	MS21919WDG7	.BRACADEIRA..... CLAMP ASSYL, ASBESTOS CUSHIONTEEL.....	96906	2		
12	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
13	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	2		
14	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	312-08205-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11610-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
16	312-08204-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11559-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
17	312-10392-001	.FREIO ESTACIONAMENTO CONJ..... PARKING BRAKE ASSY.....	S4956	1	006224	
	PE71028-2AL	.FREIO ESTACIONAMENTO CONJ..... PARKING BRAKE ASSY.....	S4956	1	225999	
	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1	B	
	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1	B	
	MS21919WDG4	.BRACADEIRA (PF)..... CLAMP (AP).....	96906	1	B	
	MS24665-132	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
18	AN310-3	.PORCA SEXTAVADA CASTELO, ACO (PF)..... NUT, HEXAGON, CASTELLATED, STEEL (AP).....	88044	1		
19	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
20	312-12483-001	.PINO DE FIXACAO (PF)..... PIN, ATTACHING (AP).....	S4956	1	B	

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REVISÃO 4  
CHANGE 4

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
	312-02690-001	.PINO DE FIXACAO (QUANDO ESGOTAR USE PN 312-12 483-001) (PF)..... PIN, ATTACHING (WHEN EXHAUSTED USE PN 312-124 83-001) (AP).....	S4956	1	C	
21	312-04817-001	.TERMINAL-GARFO..... FORK END.....	S4956	2		
21 A	312-12482-001	.TERMINAL-FIXACAO FREIO..... END FITTING, CABLE.....	S4956	1	D	
	312-08449-001	.TRAVA CABO..... LOCK,CABLE.....	S4956	1	C	
	312-12482-501	.TERMINAL-FIXACAO FREIO..... END FITTING, CABLE.....	S4956	1	289999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
22	AN310-3	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
23	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
23 A	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
24	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	MS20995C32	.ARAME DE FRENO..... LOCKWIRE.....	96906	CR		
25	NAS509-4	.PORCA..... NUT.....	80205	2		
26	312-04818-001	.HASTE DIANTEIRA..... ROD, FWD FLT STA.....	S4956	2		
27	AN316-4R	.PORCA..... NUT.....	88044	4		
28	010-02301	.CILINDRO MESTRE (ALTERNATIVA USE PN 10-23A OU PN 455971)..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 10-23A OR PN 455971).....	33269	2	006384	
	10-23A	.CILINDRO MESTRE (ALTERNATIVA USE PN 010-02301 )..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 010-02301).....	33269	2	006384	
	455971	.CILINDRO MESTRE (ALTERNATIVA USE PN 010-02301 )..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 010-02301).....	33269	2	006384	
	10-23C	.CILINDRO MESTRE DE FREIO (ALTERNATIVA USE PN 010-02301 OU PN 10-23A OU PN 455971)..... CYLINDER,BRAKE MASTER (ALTERNATIVE USE PN 010-02301 OR PN 10-23A OR PN 455971).....	33269	2	385999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
29	AN310-4	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT (AP).....	88044	2		
30	AN960-416L	.ARRUELA PLANA,ACO (PF)..... WASHER,FLAT,STEEL (AP).....	88044	2		
31	AN4-10	.PINO ROSCADO (PF)..... BOLT,HEXAGON HEAD,STEEL (AP).....	88044	2		
32	MS21902D4	.UNIAO..... UNION.....	96906	2		
33	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
04						
34	AN924-4D	.PORCA SEXTAVADA PLANA.....	88044	2		
		NUT.....				
35	MS28778-4	.ANEL DE VEDACAO.....	96906	4		
		RING, 'O'.....				
36	DI-1822-02-OL REV.C	.VALVULA FREIO DE ESTACIONAMENTO.....	S4956	1	D	
		VALVE, PARKING BRAKE.....				
	DI-1822-02-OL	.VALVULA FREIO DE ESTACIONAMENTO.....	S4956	1	C	
		VALVE, PARKING BRAKE.....				
	DI-1822-03-OL	.VALVULA FREIO DE ESTACIONAMENTO.....	S4956	1	289999	
		VALVE, PARKING BRAKE.....				
37	MS27039-1-28	.PARAFUSO (PF).....	96906	2		
		SCREW (AP).....				
38	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER, FLAT (AP).....				
39	MS25253-1	.MICROINTERRUPTOR.....	96906	1		
		MICROSWITCH, LIMIT.....				
	312-12754-001	.ROLETE ATUADOR.....	S4956	1	E	
		ROLLER, ACTUATING.....				
	312-12479-001	.ROLETE ATUADOR.....	S4956	1	F	
		ROLLER, ACTUATING.....				
	JV-5	.ROLETE ATUADOR.....	91929	1	C	
		ROLLER, ACTUATING.....				
40	MS35649-222	.PORCA (PF).....	96906	2		
		NUT (AP).....				
41	MS35333-35	.ARRUELA (PF).....	96906	2	B	
		WASHER (AP).....				
	AN960-3L	.ARRUELA PLANA (PF).....	88044	2	C	
		WASHER, FLAT (AP).....				
42	2-56X5/8	.PARAFUSO (PF).....	S4956	2		
		SCREW (AP).....				
43	312-12481-001	.SUPORTE.....	S4956	1	B	
		SUPPORT.....				
	312-08627-001	.SUPORTE.....	S4956	1	C	
		SUPPORT.....				
44	NAS1096-2-6	.PARAFUSO CABECA SEXTAVADA COM FENDA (PF).....	80205	2	B	
		SCREW (AP).....				
45	AN960-8L	.ARRUELA PLANA (PF).....	88044	2	B	
		WASHER, FLAT (AP).....				
46	MS21908D4	.CONEXAO 90 GRAUS.....	96906	1		
		ELBOW, 90-DEGREE.....				
47	AN924-4D	.PORCA SEXTAVADA PLANA.....	88044	1		
		NUT.....				
48	MS21902D4	.UNIAO.....	96906	1		
		UNION.....				
49	MS28778-4	.ANEL DE VEDACAO.....	96906	2		
		RING, 'O'.....				
50	AN816-4D	.CONEXAO RETA.....	88044	2		
		ADAPTER, STRAIGHT.....				
51	312-02035-003	.PERFIL 'U' DE BORRACHA.....		2		
		CHANNEL, RUBBER.....				
52	312-08630-001	.TUBO CONJ (PRE MOD BS 312-029-0013).....	S4956	1	006224	
		LINE ASSY (PRE MOD SB 312-029-0013).....				
	312-14903-001	.TUBO CONJ.....	S4956	1	G	
		LINE ASSY.....				
53	312-08631-001	.TUBO CONJ (PRE MOD BS 312-029-0013).....	S4956	1	006224	
		LINE ASSY (PE MOD SB 312-029-0013).....				
	312-14903-003	.TUBO CONJ.....	S4956	1	G	
		LINE ASSY.....				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
54	MS21907D4	.CONEXAO 45 GRAUS.....	96906	2		
		CONNECTION 45-DEGREE.....				
55	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	2		
		NUT (AP).....				
56	AN960-716L	.ARRUELA PLANA,ACO (PF).....	88044	4		
		WASHER (AP).....				
57	312-08740-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
58	312-08741-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
59	MS21902D4	.UNIAO.....	96906	2		
		UNION.....				
60	312-02672-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
61	312-02673-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
62	MS21902D4	.UNIAO.....	96906	2		
		UNION.....				
63	312-02674-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
64	312-02675-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
65	PE27019R14	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO.....	S4956	4		
		CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....				
66	MS21042L3	.PORCA (PF).....	96906	2		
		NUT (AP).....				
67	NAS1197-10L	.ARRUELA (PF).....	80205	4		
		WASHER (AP).....				
	MS35338-43	.ARRUELA (PF).....	96906	2		
		WASHER (AP).....				
68	AN3-4A	.PINO ROSCADO (PF).....	88044	2		
		BOLT (AP).....				
69	MS21924D4	.UNIAO.....	96906	1		
		CONNECTION, UNION.....				
70	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT (AP).....				
71	AN960-716L	.ARRUELA PLANA,ACO (PF).....	88044	2		
		WASHER (AP).....				
72	312-02665-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				
73	PE27019R14	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO.....	S4956	1		
		CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....				
74	MS21042L3	.PORCA (PF).....	96906	1		
		NUT (AP).....				
75	NAS1197-10L	.ARRUELA (PF).....	80205	2		
		WASHER (AP).....				
	MS35338-43	.ARRUELA (PF).....	96906	1		
		WASHER (AP).....				
76	AN3-4A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
77	MS21924D4	.UNIAO.....	96906	1		
		CONNECTION, UNION.....				
78	AN924-4D	.PORCA SEXTAVADA PLANA (PF).....	88044	1		
		NUT (AP).....				
79	AN960-716L	.ARRUELA PLANA,ACO (PF).....	88044	2		
		WASHER (AP).....				
80	312-08197-001	.TUBO CONJ.....	S4956	1		
		LINE ASSY.....				

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
0.1						
81	PE27019R14	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
82	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
83	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
84	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
85	MS21902D4	.UNIAO..... UNION.....	96906	2		
86	312-09047-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
87	PE27019R14	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
88	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
89	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
90	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
91	312-09042-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11559-011	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1	H	
92	312-10138-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
92 A	MS20995C20	.ARAME DE FRENO..... LOCKWIRE.....	96906	CR		
93	312-10145-501	.RESERVATORIO DO FREIO CONJ (QUANDO ESGOTAR US E PN 312-11837-001)..... RESERVOIR ASSY, BRAKE (WHEN EXHAUSTED USE PN 312-11837-001).....	S4956	1	006206	
	312-11837-001	.RESERVATORIO DO FREIO CONJ..... RESERVOIR ASSY, BRAKE.....	S4956	1	207324	
	312-11837-503	.RESERVATORIO DO FREIO CONJ..... RESERVOIR ASSY, BRAKE.....	S4956	1	325999	
	MS27039-1-06	.PARAFUSO (PF)..... SCREW (AP).....	96906	3		
	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	3		
96	312-09460-001	.TAMPA..... PLUG.....	S4956	2	040999	
	312-10154-001	.TAMPA..... PLUG.....	S4956	2	006039	
97	312-10146-001	.ANEL DESLIZANTE..... RING, SLIP.....	S4956	2		
98	21195	.DIAPHRAGMA,BOR NBR..... DIAPHRAGM,NBR RUB.....	S4956	2		
99	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		
100	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
101	MS28778-4	.ANEL DE VEDACAO..... RING, O'.....	96906	2		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
102	312-09581-001	..RESERVATORIO DO FREIO..... RESERVOIR, BRAKE.....	S4956	1	185999	
	312-10147-001	..RESERVATORIO DO FREIO..... RESERVOIR, BRAKE.....	S4956	1	006184	
106	312-02677-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
107	312-02678-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
108	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
109	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
110	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
110 A	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	2		
111	312-09996-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11605-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
112	312-09997-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11605-011	.MANGUEIRA ASSY..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	H	
113	312-08209-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11605-005	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAYLIC BRAKE.....	S4956	1	H	
114	312-08208-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	006304	
	312-11605-003	.MANGUEIRA CONJ..... HOSE ASSY-HIDRAULC BRAKE.....	S4956	1	H	
115	AN938D4	.CONEXAO T-ROSCA INTERNA,AL..... CONNECTOR,T.....	88044	1		
116	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	1		
117	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
118	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
119	MS21902D4	.UNIAO..... UNION.....	96906	2		
120	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	3		
121	312-04817-001	.TERMINAL-GARFO..... FORK END.....	S4956	2		
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
122	AN310-3	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
123	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
123 A	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
124	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	MS20995C32	.ARAME DE FRENO..... LOCKWIRE.....	96906	CR		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
125	NAS509-4	.PORCA..... NUT.....	80205	2		
126	312-04992-001	.HASTE TRASEIRA..... ROD, AFT FLT STA.....	S4956	2		
127	AN316-4R	.PORCA..... NUT.....	88044	4		
128	010-02301	.CILINDRO MESTRE (ALTERNATIVA USE PN 10-23A OU PN 455971)..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 1 0-23A OR PN 455971).....	33269	2	006384	
	10-23A	.CILINDRO MESTRE (ALTERNATIVA USE PN 010-02301 )..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 0 10-02301).....	33269	2	006384	
	455971	.CILINDRO MESTRE (ALTERNATIVA USE PN 010-02301 )..... CYLINDER, MASTER, BRAKE (ALTERNATIVE USE PN 0 10-02301).....	33269	2	006384	
	10-23C	.CILINDRO MESTRE DE FREIO (ALTERNATIVA USE PN 010-02301 OU PN 10-23A OU PN 455971)..... CYLINDER, BRAKE MASTER (ALTERNATIVE USE PN 010 -02301 OR PN 10-23A OR PN 455971).....	33269	2	385999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
129	AN310-4	.PORCA SEXTAVADA CASTELO, ACO (PF)..... NUT (AP).....	88044	2		
130	AN960-416L	.ARRUELA PLANA, ACO (PF)..... WASHER, FLAT, STEEL (AP).....	88044	2		
131	AN4-12	.PINO ROSCADO (PF)..... BOLT, HEXAGON HEAD, STEEL (AP).....	88044	2		
132	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	4		
133	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	4		
134	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	4		
135	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		
136	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
137	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	4		
138	312-08844-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
139	312-08784-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
140	PE27019RI4	.BRACADEIRA, ACO, AMORTECEDOR AMIANTO..... CLAMP, STEEL, ASBESTOS CUSHIONTEEL.....	S4956	1		
141	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
142	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		
143	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
144	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4).....	S4956	5		

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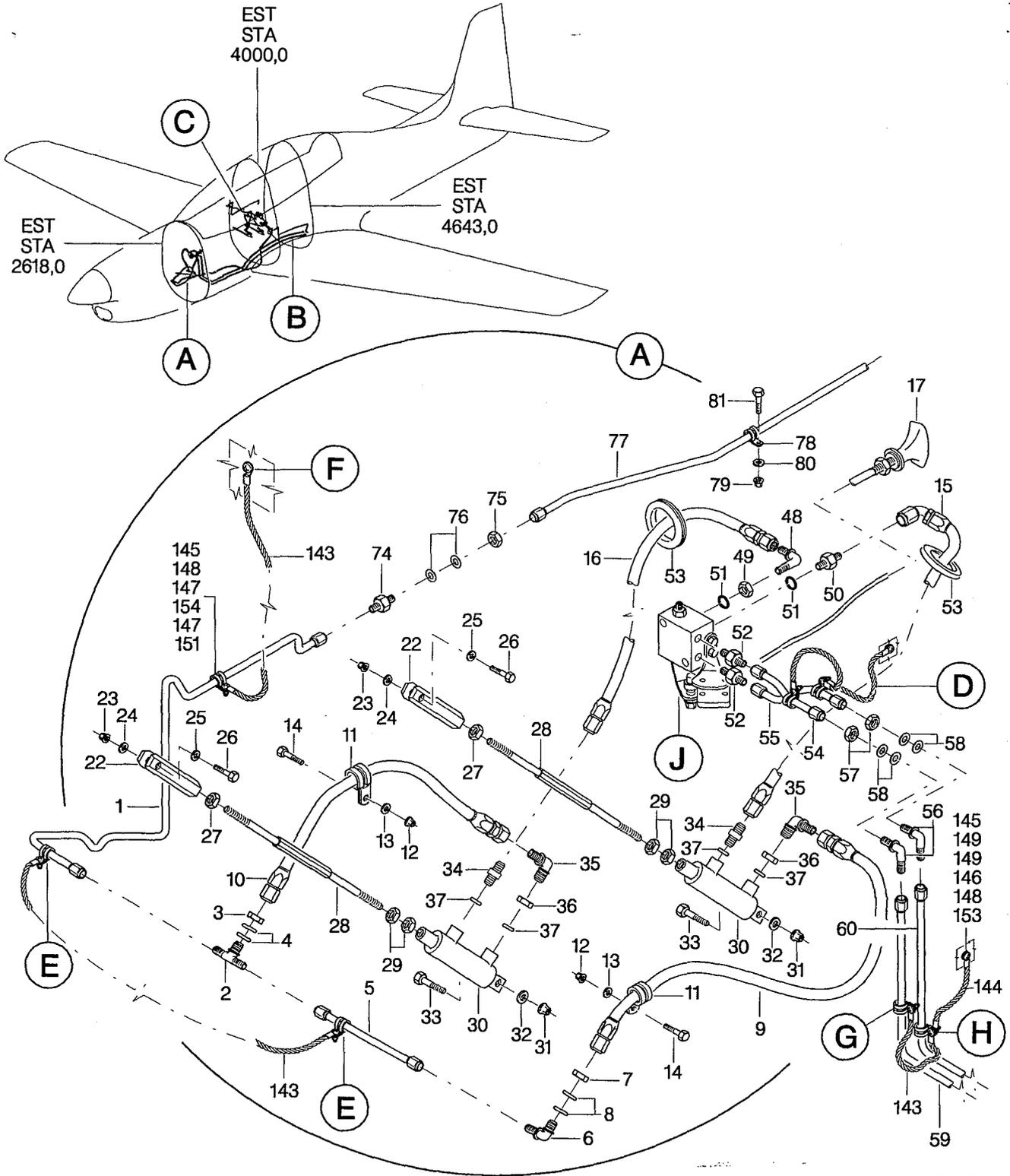
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).....</i>				
	PE88001-5BB4	.PONTE LIGACAO,CONJ (B.I. 312-00-0003).....	S4956	5		
145	PE88001-1BB5	.JUMPER ASSY (I.B. 312-00-0003).....				
		.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB5).....	S4956	4		
		<i>BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5 ).....</i>				
	PE88001-5BB5	.METALIZACAO (B.I. 312-00-0003).....	S4956	4		
146	MS21042L3	.BONDING (I.B. 312-00-0003).....				
		.PORCA (PF).....	96906	15		
		.NUT (AP).....				
147	AN960-10L	.ARRUELA (PF).....	88044	17		
		.WASHER,FLAT (AP).....				
148	AN960C10L	.ARRUELA PLANA,INOX (PF).....	88044	4		
		.WASHER,FLAT,CRES (AP).....				
149	MS35338-43	.ARRUELA (PF).....	96906	15		
		.WASHER (AP).....				
150	NAS1197-10L	.ARRUELA (PF).....	80205	24		
		.WASHER (AP).....				
151	AN3-4A	.PINO ROSCADO (PF).....	88044	7		
		.BOLT (AP).....				
152	AN3C4A	.PINO ROSCADO (PF).....	88044	3		
		.BOLT (AP).....				
153	MS27039-1-08	.PARAFUSO CABECA ABAULADA (PF).....	96906	3		
		.SCREW,TRUSS HEAD (AP).....				
154	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	2		
		.SCREW,TRUSS HEAD (AP).....				
155	PE27010C4	.BRACADEIRA (PF).....	S4956	3		
		.CLAMP (AP).....				
156	PE27010A4	.BRACADEIRA.....	S4956	4		
		.CLAMP.....				
157		.SIST HIDRAULICO DO FREIO INSTL, ASA (VEJA FIG 32-40-02-05).....			REF	
		<i>BRAKE HYDRAULIC SYSTEM INSTL, WING (SEE FIG 32-40-02-05).....</i>				
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PRE MOD SB 312-00-0003 B AVIOES 312045 A 312053 (POS MOD BS 312-032-0004), 312006 A 312044, 312054 A 312084, 312086 A 312089, 312091 E SEGUINTE B AIRCRAFT 312045 THRU 312053 (POST MOD SB 312-032-0004), 312006 THRU 312044, 312054 THRU 312084, 312086 THRU 312089, 312091 AND ON C AVIOES 312045 A 312053 (PRE MOD BS 312-032-0004) C AIRCRAFT 312045 THRU 312053 (PRE MOD SB 312-032-0004) D AVIOES 312045 A 312053 (POS MOD BS 312-032-0004), 312006 A 312044, 312054 A 312288 D AIRCRAFT 312045 THRU 312053 (POST MOD SB 312-032-0004), 312006 THRU 312044, 312054 THRU 312288 E AVIOES 312045 A 312053 (POS MOD BS 312-032-0004), 312145 E SEGUINTE E AIRCRAFT 312045 THRU 312053 (POST MOD SB 312-032-0004), 312145 AND ON F AVIOES 312006 A 312044, 312054 A 312144				

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<p>F AIRCRAFT 312006 THRU 312044, 312054 THRU 312144</p> <p>G AVIOES 312006 A 312224 (POS MOD BS 312-032-0013), 312 225 E SEGUINTE</p> <p>G AIRCRAFT 312006 A 312224 (POST MOD SB 312-032-0013), 312225 AND ON</p> <p>H AVIOES 312006 A 312304 (POS MOD BS 312-29-0008), 3123 05 E E SEGUINTE</p> <p>H AIRCRAFT 312006 THRU 312304 (POST MOD SB 312-29-0008) , 312305 AND ON</p>				

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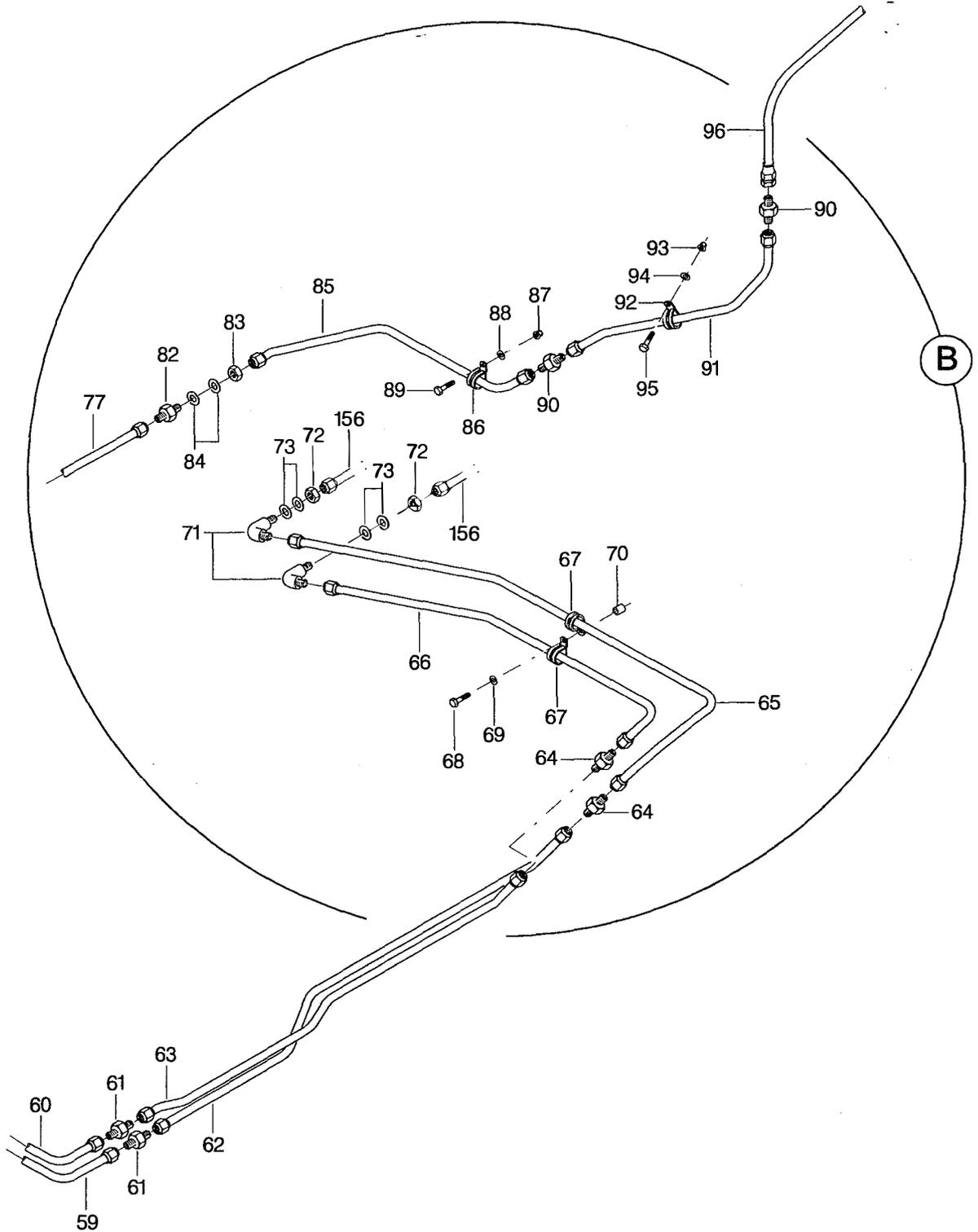


312 0432 0161

FIGURA 02. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM(FOLHA 1 DE 4)  
FIGURE 02. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 1 OF 4)

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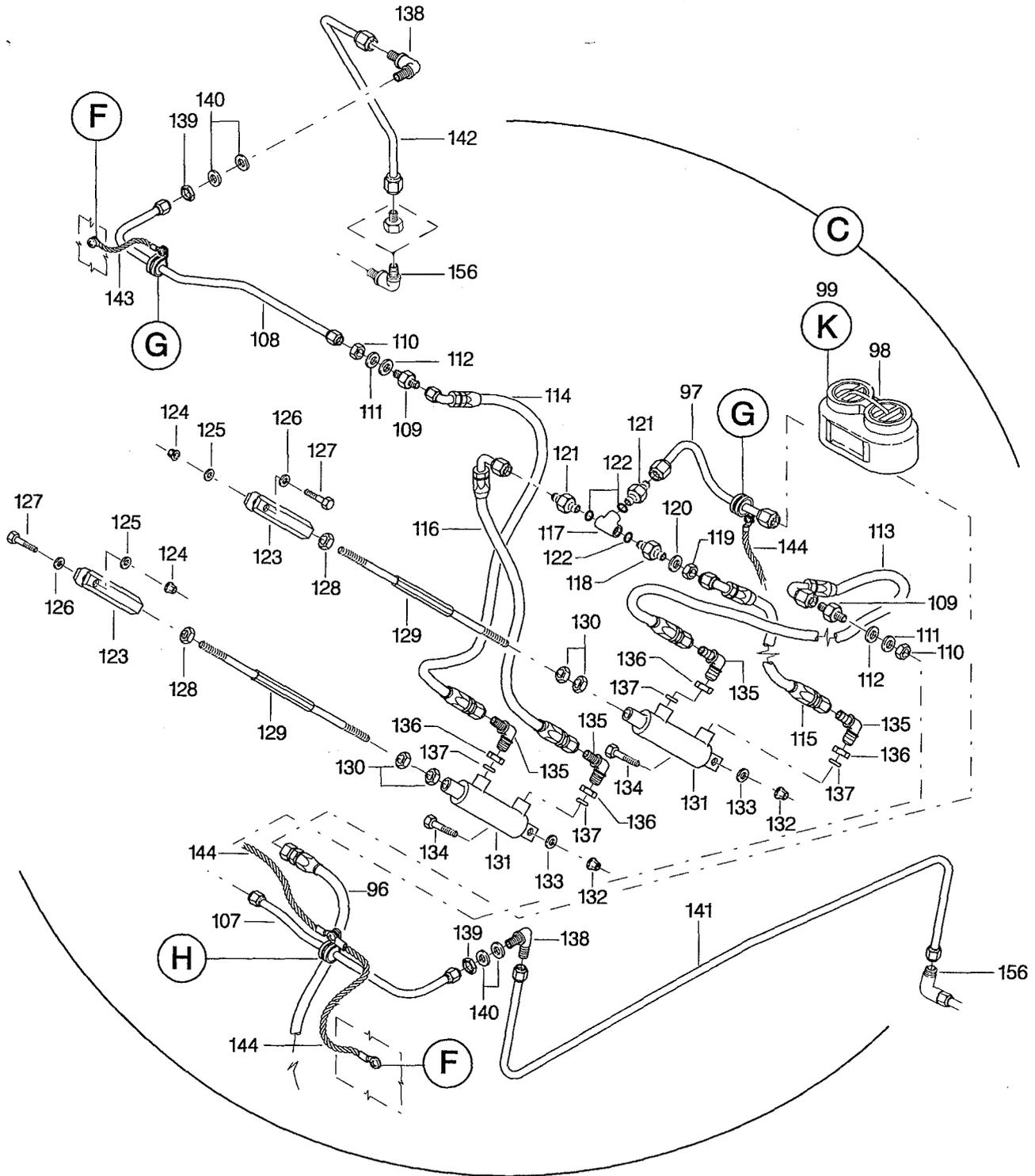


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FIGURA 02. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 2 DE 4)  
 FIGURE 02. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 2 OF 4)

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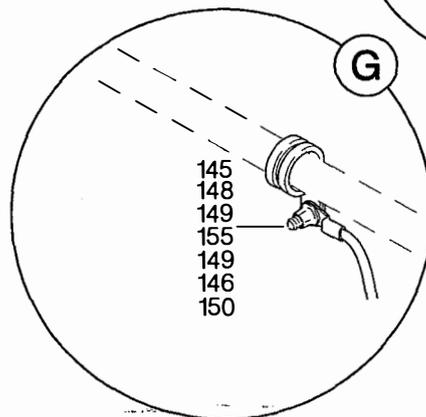
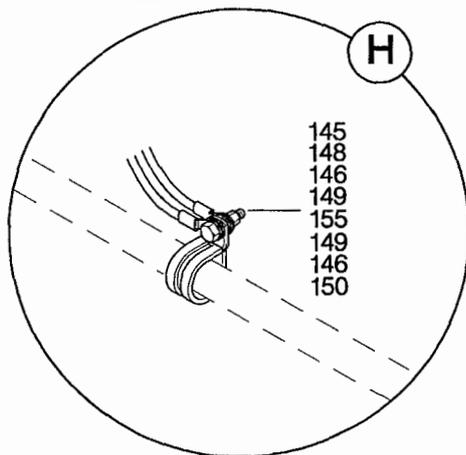
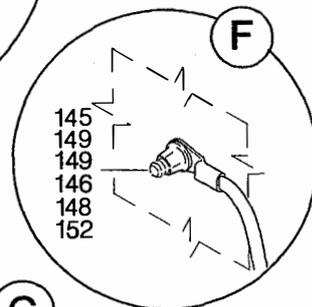
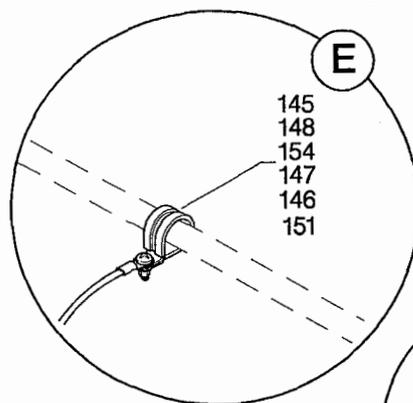
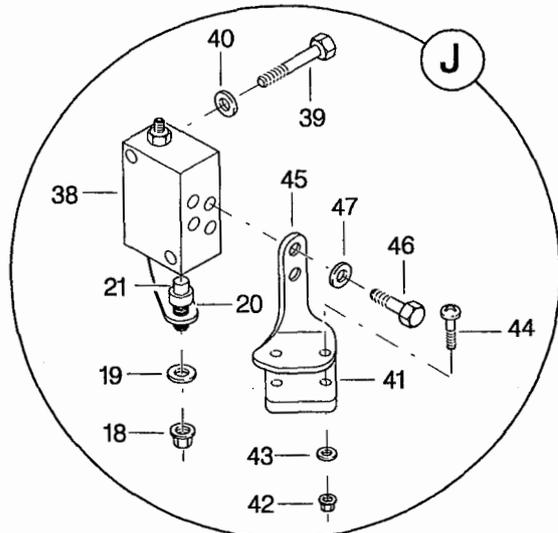
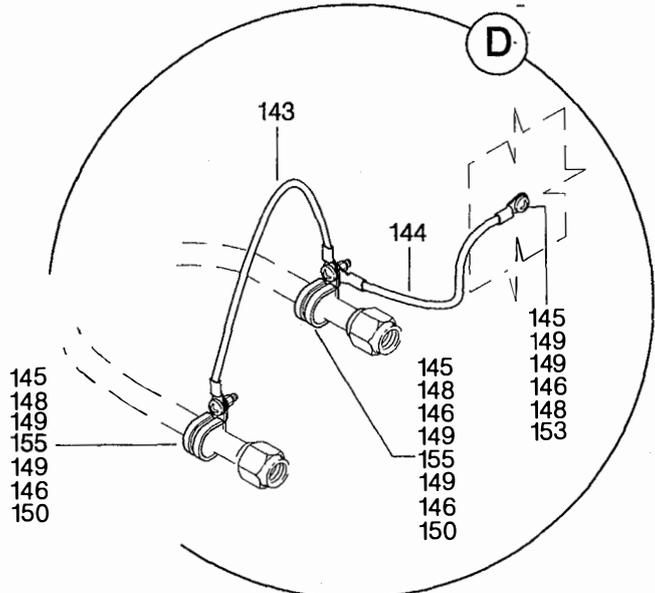
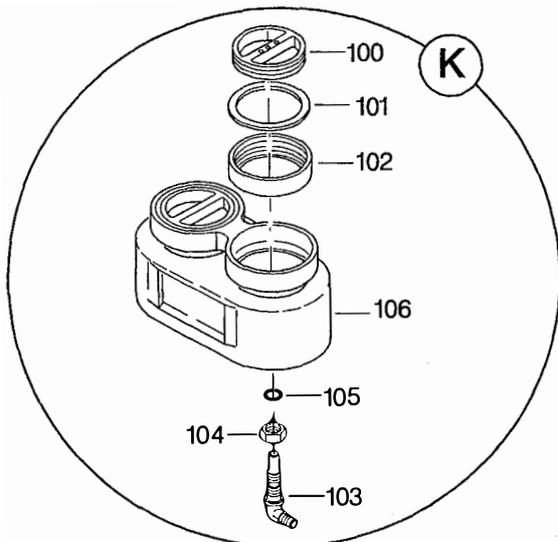


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FIGURA 02. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 3 DE 4)  
FIGURE 02. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 3 OF 4)

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FIGURA 02. SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM (FOLHA 4 DE 4)  
 FIGURE 02. BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE (SHEET 4 OF 4)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		SISTEMA HIDRAULICO DO FREIO INSTL, FUSELAGEM... BRAKE HYDRAULIC SYSTEM INSTL, FUSELAGE.....		REF	A	
1	312-08194-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
2	MS21909D4	.CONEXAO EM TE..... BULKEAD.....	96906	1		
3	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
4	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
5	312-02667-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
6	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
7	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
8	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
9	312-08203-001	.MANGUEIRA CONJ (PRE MOD BS 312-29-0008)..... HOSE ASSY (PRE MOD SB 312-29-0008).....	S4956	1	011195	
	312-11610-007	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
10	312-08202-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11610-005	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
11	MS21919WDG7	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL.....	96906	2		
12	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
13	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
14	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	312-08205-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11610-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
16	312-08204-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11559-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
17	312-10392-001	.FREIO ESTACIONAMENTO CONJ..... PARKING BRAKE ASSY.....	S4956	1	011195	
	PE71028-2AL	.FREIO ESTACIONAMENTO CONJ..... PARKING BRAKE ASSY.....	S4956	1	393999	
	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
	MS21919WDG4	.BRACADEIRA (PF)..... CLAMP (AP).....	96906	1		
	MS24665-132	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	1		
18	AN310-3	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	1		
19	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
20	312-12483-001	.PINO DE FIXACAO (PF)..... PIN, ATTACHING (AP).....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
21	312-12482-001	.TERMINAL-FIXACAO FREIO..... END FITTING, CABLE.....	S4956	1	011195	
22	312-04817-001	.TERMINAL-GARFO..... FORK END.....	S4956	2		
	312-12482-501	.TERMINAL-FIXACAO FREIO..... END FITTING, CABLE.....	S4956	1	393999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
23	AN310-3	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
24	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
25	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
26	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	MS20995C32	.ARAME DE FRENO..... LOCKWIRE.....	96906	AR		
27	NAS509-4	.PORCA..... NUT.....	80205	2		
28	312-04818-001	.HASTE DIANTEIRA..... ROD, FWD FLT STA.....	S4956	2		
29	AN316-4R	.PORCA..... NUT.....	88044	4		
30	010-02301	.CILINDRO MESTRE-SIS FREIO HIDRAULI..... MASTER CYLINDER ASSYMETRY.....		2	011195	
	10-23C	.CILINDRO MESTRE DE FREIO (ALTERNATIVA USE P/N =010-02301)..... CYLINDER,BRAKE MASTER (ALTERNATIVE USE P/N=01 0-02301).....	33269	2	393999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
31	AN310-4	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT (AP).....	88044	2		
32	AN960-416L	.ARRUELA PLANA,ACO (PF)..... WASHER,FLAT,STEEL (AP).....	88044	2		
33	AN4-10	.PINO ROSCADO (PF)..... BOLT,HEXAGON HEAD,STEEL (AP).....	88044	2		
34	MS21902D4	.UNIAO..... UNION.....	96906	2		
35	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		
36	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
37	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	4		
38	DI-1822-02-OL REV.C	.VALVULA FREIO DE ESTACIONAMENTO..... VALVE, PARKING BRAKE.....	S4956	1	011195	
	DI-1822-03-OL	.VALVULA FREIO DE ESTACIONAMENTO..... VALVE, PARKING BRAKE.....	S4956	1	393999	
39	MS27039-1-28	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
40	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
41	MS25253-1	.MICROINTERRUPTOR..... MICROSWITCH, LIMIT.....	96906	1		
	312-12479-001	.ROLETE ATUADOR..... ROLLER, ACTUATING.....	S4956	1	011100	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
	312-12754-001	.ROLETE ATUADOR..... ROLLER, ACTUATING.....	S4956	1	145999	
42	MS35649-222	.PORCA (PF)..... NUT (AP).....	96906	2		
43	MS35333-35	.ARRUELA (PF)..... WASHER (AP).....	96906	2		
44	2-56X5/8	.PARAFUSO (PF)..... SCREW (AP).....	S4956	2		
45	312-12481-001	.SUPORTE..... SUPPORT.....	S4956	1		
46	NAS1096-2-6	.PARAFUSO CABECA SEXTAVADA COM FENDA (PF)..... SCREW (AP).....	80205	2		
47	AN960-8L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
48	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	1		
49	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	1		
50	MS21902D4	.UNIAO..... UNION.....	96906	1		
51	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
52	AN816-4D	.CONEXAO RETA..... ADAPTER, STRAIGHT.....	88044	2		
53	312-02035-003	.PERFIL 'U' DE BORRACHA..... CHANNEL, RUBBER.....		2		
54	312-08630-001	.TUBO CONJ (PRE MOD BS 312-029-0013)..... LINE ASSY (PRE MOD SB 312-029-0013).....	S4956	1	011195	
	312-14903-001	.TUBO CONJ..... LINE ASSY.....	S4956	1	C	
55	312-08631-001	.TUBO CONJ (PRE MOD BS 312-029-0013)..... LINE ASSY (PRE MOD SB 312-029-0013).....	S4956	1	011195	
	312-14903-003	.TUBO CONJ..... LINE ASSY.....	S4956	1	C	
56	MS21907D4	.CONEXAO 45 GRAUS..... CONNECTION 45-DEGREE.....	96906	2		
57	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
58	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	4		
59	312-08740-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
60	312-08741-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
61	MS21902D4	.UNIAO..... UNION.....	96906	2		
62	312-02672-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
63	312-02673-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
64	MS21902D4	.UNIAO..... UNION.....	96906	2		
65	312-19187-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
66	312-19186-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
	MS3367-7-9	.FITA DE FIXACAO (PF)..... STRAP, TIEDOWN (AP).....	96906	AR		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
67	PE27019RI4D	.BRACADEIRA-COM PROTECAO PLASTICO,AL..... CLAMP.....	S4956	4		
68	AN3-6A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
69	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	1		
70	NAS43DD3-18	.ESPACADOR-LUVA PARA PARAFUSO E PINO..... SPACER.....	80205	1		
71	33833-4D	.CONEXAO 90 GRAUS-COM FLANGE..... ELBOW,90 DEGREES,BULKHEAD.....	53730	2		
72	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
73	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
74	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	1		
75	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
76	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
77	312-02665-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
78	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
79	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
80	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
81	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
82	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	1		
83	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
84	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
85	312-08197-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
86	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
87	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
88	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
89	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
90	MS21902D4	.UNIAO..... UNION.....	96906	2		
91	312-09047-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
92	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	1		
93	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
94	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	2		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
95	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
96	312-09042-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11559-011	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1	B	
97	312-10138-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
98 A	MS20995C20	.ARAME DE FRENO..... LOCKWIRE.....	96906	AR		
99	312-10145-501	.RESERVATORIO DO FREIO CONJ..... RESERVOIR ASSY, BRAKE.....	S4956	1	011195	
	312-11837-503	.RESERVATORIO DO FREIO CONJ..... RESERVOIR ASSY, BRAKE.....	S4956	1	393999	
	MS27039-1-06	.PARAFUSO (PF)..... SCREW (AP).....	96906	3		
	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	3		
100	312-10154-001	.TAMPA..... PLUG.....	S4956	2	011037	
	312-09460-001	.TAMPA..... PLUG.....	S4956	2	065999	
101	312-10146-001	.ANEL DESLIZANTE..... RING, SLIP.....	S4956	2		
102	PE49092	.DIAFRAGMA, BOR NBR..... DIAPHRAGM, NBR RUB.....	S4956	2		
103	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		
104	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	2		
105	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
106	312-10147-001	.RESERVATORIO DO FREIO..... RESERVOIR, BRAKE.....	S4956	1	011184	
	312-09581-001	.RESERVATORIO DO FREIO..... RESERVOIR, BRAKE.....	S4956	1	189999	
107	312-02677-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
108	312-02678-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
109	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	2		
110	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
111	AN960-716L	.ARRUELA PLANA, ACO (PF)..... WASHER (AP).....	88044	2		
112	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	2		
113	312-09996-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11605-009	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
114	312-09997-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02	312-11605-011	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC BRAKE.....	S4956	1	B	
115	312-08209-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11605-005	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAYLIC BRAKE.....	S4956	1	B	
116	312-08208-001	.MANGUEIRA CONJ (PRE MOD BS 312-029-0008)..... HOSE ASSY (PRE MOD SB 312-029-0008).....	S4956	1	011195	
	312-11605-003	.MANGUEIRA CONJ..... HOSE ASSY-HIDRAULC BRAKE.....	S4956	1	B	
117	AN938D4	.CONEXAO T-ROSCA INTERNA,AL..... CONNECTOR,T.....	88044	1		
118	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	1		
119	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
120	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
121	MS21902D4	.UNIAO..... UNION.....	96906	2		
122	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	3		
123	312-04817-001	.TERMINAL-GARFO..... FORK END.....	S4956	2		
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
124	AN310-3	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT,HEXAGON,CASTELLATED,STEEL (AP).....	88044	2		
125	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
126	AN960-10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
127	AN3-7	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
	MS20995C32	.ARAME DE FRENO..... LOCKWIRE.....	96906	AR		
128	NAS509-4	.PORCA..... NUT.....	80205	2		
129	312-04992-001	.HASTE TRASEIRA..... ROD, AFT FLT STA.....	S4956	2		
130	AN316-4R	.PORCA..... NUT.....	88044	4		
131	010-02301	.CILINDRO MESTRE-SIS FREIO HIDRAULI..... MASTER CYLINDER ASSYMETRY .....		2	011195	
	10-23C	.CILINDRO MESTRE DE FREIO (ALTERNATIVA USE P/N =010-02301)..... CYLINDER,BRAKE MASTER (ALTERNATIVE USE P/N=01 0-02301).....	33269	2	393999	
	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
132	AN310-4	.PORCA SEXTAVADA CASTELO,ACO (PF)..... NUT (AP).....	88044	2		
133	AN960-416L	.ARRUELA PLANA,ACO (PF)..... WASHER,FLAT,STEEL (AP).....	88044	2		
134	AN4-12	.PINO ROSCADO (PF)..... BOLT,HEXAGON HEAD,STEEL (AP).....	88044	2		
135	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	4		

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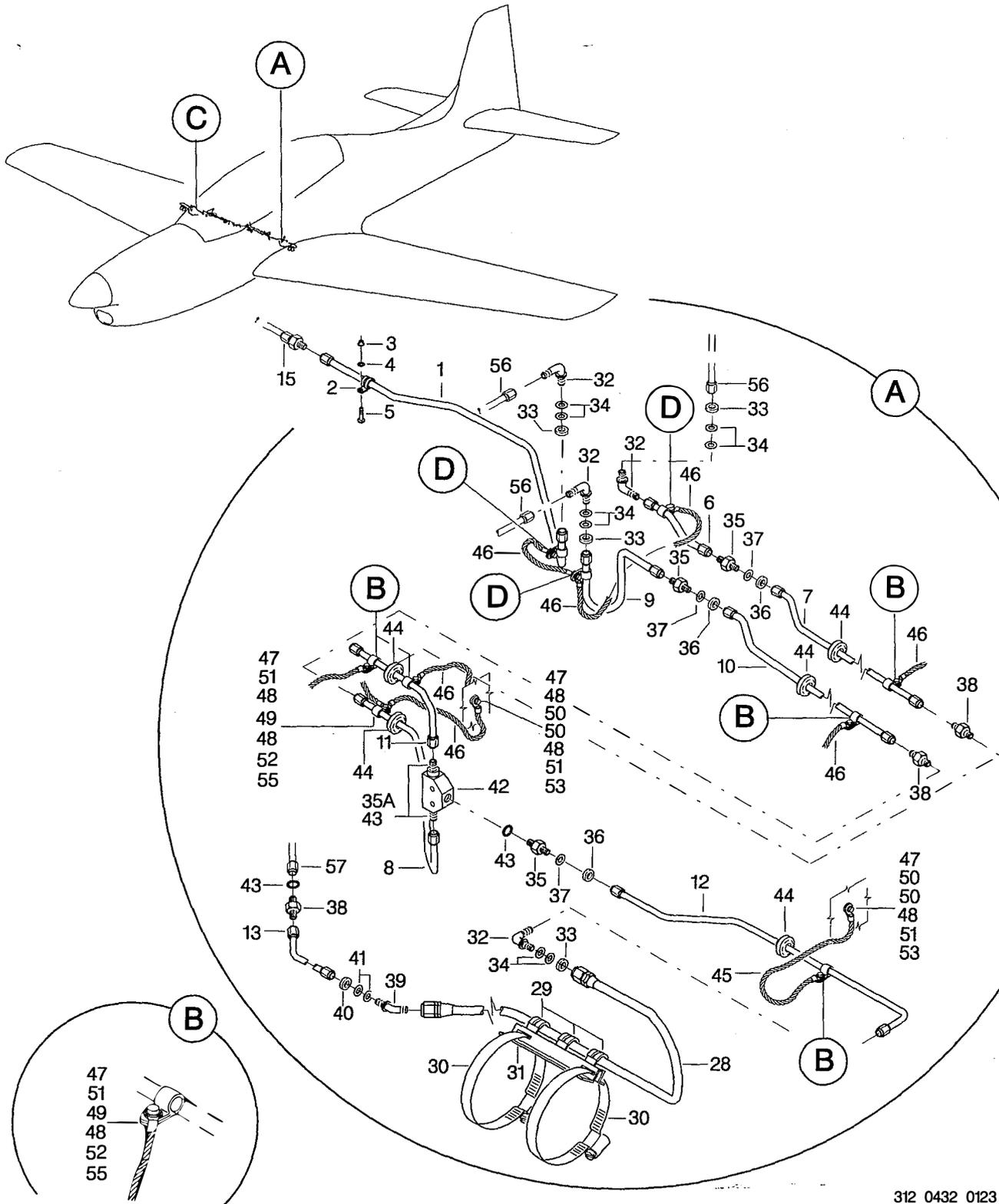
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02						
136	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	4		
137	MS28778-4	.ANEL DE VEDACAO..... RING, O'.....	96906	4		
138	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	2		
139	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
140	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	4		
141	312-19188-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
142	312-19189-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
143	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).....	S4956	5		
	PE88001-5BB4	.PONTE LIGACAO,CONJ (B.I. 312-00-0003)..... JUMPER ASSY (I.B. 312-00-0003).....	S4956	5		
144	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB5)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5 ).....	S4956	4		
	PE88001-5BB5	.METALIZACAO (B.I. 312-00-0003)..... BONDING (I.B. 312-00-0003).....	S4956	4		
145	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	15		
146	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	17		
147	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		4		
148	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		15		
149	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	24		
150	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	7		
151	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	3		
152	MS27039-1-08	.PARAFUSO CABECA ABAULADA (PF)..... SCREW,TRUSS HEAD (AP).....	96906	3		
153	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)..... SCREW,TRUSS HEAD (AP).....	96906	2		
154	PE27010C4	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	3		
155	PE27010A4	.BRACADEIRA..... CLAMP.....	S4956	4		
156		. (SIST HIDRAULICO DO FREIO INSTL, ASA (VEJA F IG 32-40-02-05)..... (BRAKE HYDRAULIC SYSTEM INSTL, WING(SEE FIG 32 -40-02-05).....  EFETIVIDADES USAGE CODE LIST A AVIOES 312011, 312012, 312018, 312030, 312031, 312033 , 312035, 312037, 312065, 312071 A 312074, 312076, 31 2080, 312086 312093, 312097, 312100, 312145, 312176,		REF		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
02		<p>312184, 312189, 312195, 312393 A 312395, 312398 (POS MOD BS 312-00-0003)</p> <p>A AIRCRAFT 312011, 312012, 312018, 312030, 312031, 312033, 312035, 312037, 312065, 312071 THRU 312074, 312076, 312080, 312086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 THRU 312395, 312398 (POST MOD SB 312-00-0003)</p> <p>B AVIOES 312011 A 312195 (POS MOD BS 312-029-0008), 312393 E SEGUINTE</p> <p>B AIRCRAFT 312011 THRU 312195 (POST MOD SB 312-029-0008), 312393 AND ON</p> <p>AVIOES 312011 A 312195 (POST MOD BS 312-32-0013), 312393 E SEGUINTE</p> <p>C AIRCRAFT 312011 THRU 312195 (POST MOD SB 312-032-0013), 312393 AND ON</p>				

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FIGURA 05. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 1 DE 2)  
FIGURE 05. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 1 OF 2)

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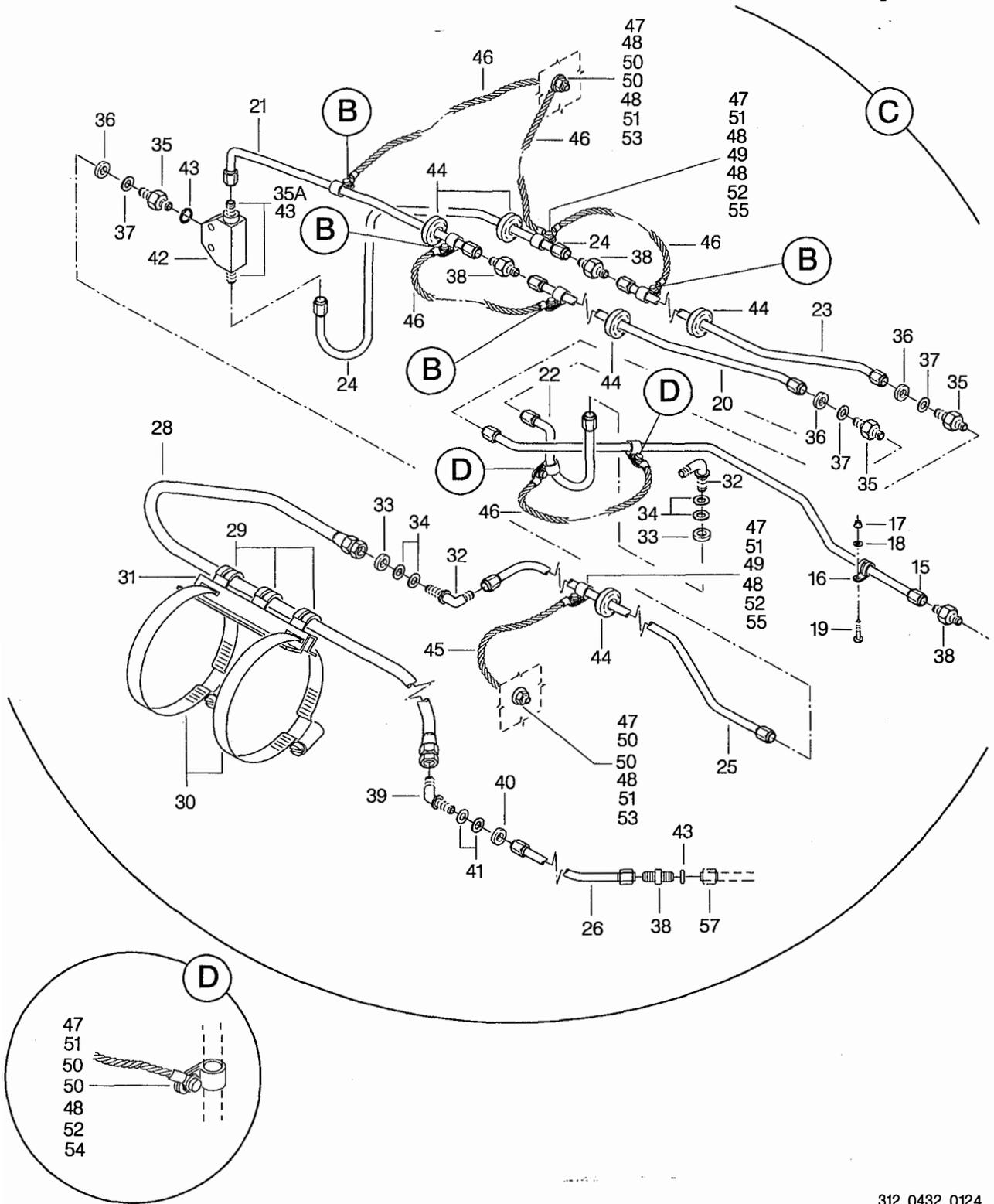


FIGURA 05. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 2 DE 2)  
 FIGURE 05. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05		SISTEMA HIDRAULICO DO FREIO INSTL, ASA..... BRAKE HYDRAULIC SYSTEM INSTL, WING.....		REF	A	
1	312-03054-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
2	PE27019RI4	.BRACA DEIRA, ACO, AMORTECEDOR AMIANTO..... CLAMP, STEEL, ASBESTOS CUSHIONTEEL.....	S4956	1		
3	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
4	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		1		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
5	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
6	312-08910-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
7	312-02970-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
8	312-02969-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
9	312-08911-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
10	312-02971-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
11	312-02968-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
12	312-02967-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
13	312-03063-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
	312-09733-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	1		
	312-09732-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
	312-09731-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
15	312-03055-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
16	PE27019RI4	.BRACA DEIRA, ACO, AMORTECEDOR AMIANTO..... CLAMP, STEEL, ASBESTOS CUSHIONTEEL.....	S4956	1		
17	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
18	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		1		
	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		1		
19	AN3C4	.PINO ROSQUEADO CABECA SEXTAVADA, ACO (PF)..... BOLT, HEXAGON HEAD, STEEL (AP).....	88044	1		
20	312-03058-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
21	312-03060-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
22	312-08785-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
23	312-03057-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
05						
24	312-03059-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
25	312-03061-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
26	312-03062-001	.TUBO CONJ..... LINE ASSY.....	S4956	1		
	312-09734-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	2		
	312-09733-001	.INSCRICAO TECNICA..... PLACARD.....	S4956	1		
28	312-11559-003	.MANGUEIRA CONJ..... HOSE ASSY-HYDRAULIC SY STEM.....	S4956	2	B	
	312-02966-001	.MANGUEIRA CONJ (PRE MOD BS 312-29-0008)..... HOSE ASSY (PRE MOD SB 312-29-0008).....	S4956	2	006304	
	MS35207-261	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	6		
29	MS21919WDG7	.BRACADEIRA (PF)..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL (AP).....	96906	6		
30	PE27021-83102	.BRACADEIRA (PF)..... CLAMP,TANGENCIAL WORM SCREW CRES (AP).....	S4956	4		
31	312-08779-001	.SUPORTE (PF)..... SUPPORT (AP).....	S4956	2		
32	MS21908D4	.CONEXAO 90 GRAUS..... ELBOW, 90-DEGREE.....	96906	6		
33	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	6		
34	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	12		
35	MS21924D4	.UNIAO..... CONNECTION, UNION.....	96906	6		
35 A	MS21902D4	.UNIAO..... UNION.....	96906	4		
36	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	6		
37	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	6		
38	MS21902D4	.UNIAO..... UNION.....	96906	7		
39	MS21907D4	.CONEXAO 45 GRAUS..... CONNECTION 45-DEGREE.....	96906	2		
40	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
41	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
42	499A-4BBB	.VALVULA LANCADEIRA..... SHUTLE VALVES.....		2		
43	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	8		
44	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	10		
45	PE88001-1BB4	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB4)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB4 ).....	S4956	2		
	PE88001-5BB4	.PONTE LIGACAO,CONJ (B.I. 312-00-0003)..... JUMPER ASSY (I.B. 312-00-0003).....	S4956	2		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
Q5						
46	PE88001-1BB5	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5 BB5)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB5 ).....	S4956	11		
	PE88001-5BB5	.METALIZACAO (B.I. 312-00-0003)..... BONDING (I.B. 312-00-0003).....	S4956	11		
47	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	21		
48	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	25		
49	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		12		
50	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	18		
51	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		21		
52	AN3C4	.PINO ROSQUEADO CABECA SEXTAVADA, ACO (PF)..... BOLT, HAXAGON HEAD, STEEL (AP).....	88044	17		
53	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	4		
54	PE27010A4	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	5		
55	PE27010C4	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	12		
56		. (SIST HIDRAULICO DO FREIO INSTL, FUSL (VEJA FIG 32-40-02-01)..... (BRAKE HYDRAULIC SYSTEM INSTL, FUSLG (SEE FIG 32-40-02-01).....			REF	
57		. RODA EQUIPADA, FREIO E PNEU INSTL, TDP PRINC (VEJA FIG 32-40-00-01)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL (SEE FIG 32-40-00-01).....			REF	
		EFETIVIDADES USAGE CODE LIST A PRE MOD BS 312-00-0003 A PRE MOD SB 312-00-0003 B AVIOES 312006 A 312304 (POS MOD BS 312-29-0008), 3123 05 E SEGUINTEs B AIRCRAFT 312006 THRU 312304 (POST MOD SB 312-29-0008) , 312305 AND ON				

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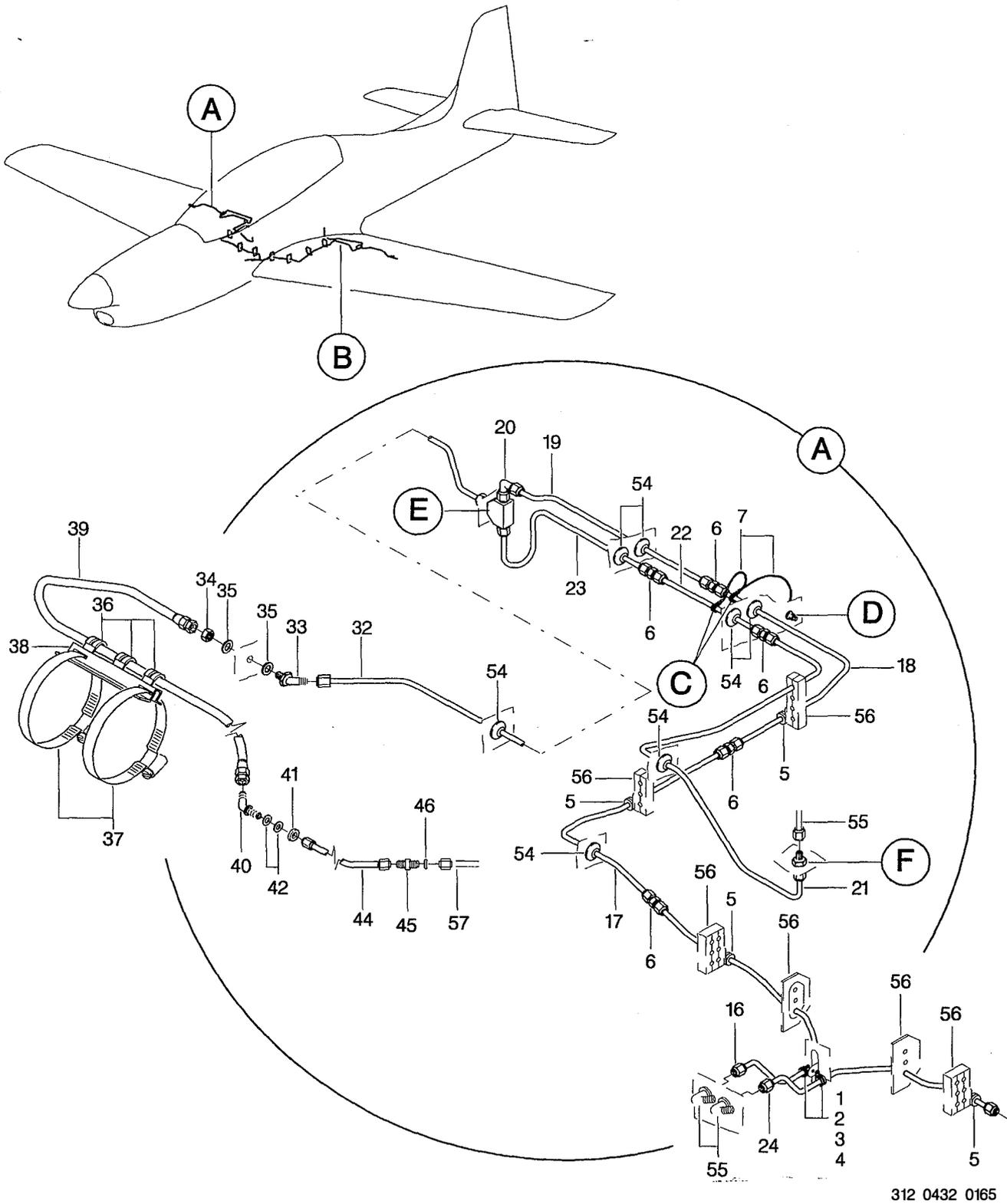
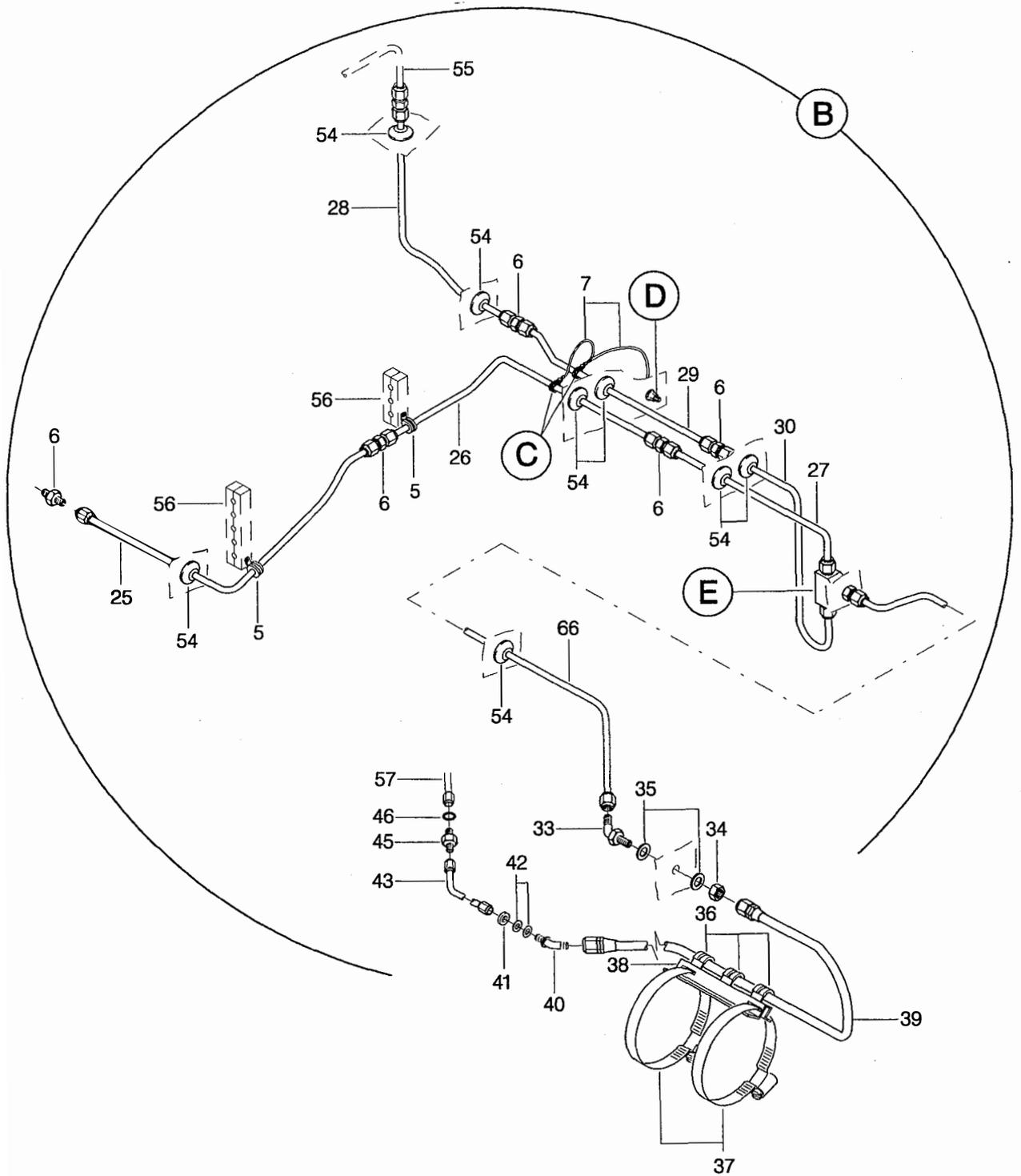


FIGURA 06. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 1 DE 3)  
FIGURE 06. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 1 OF 3)

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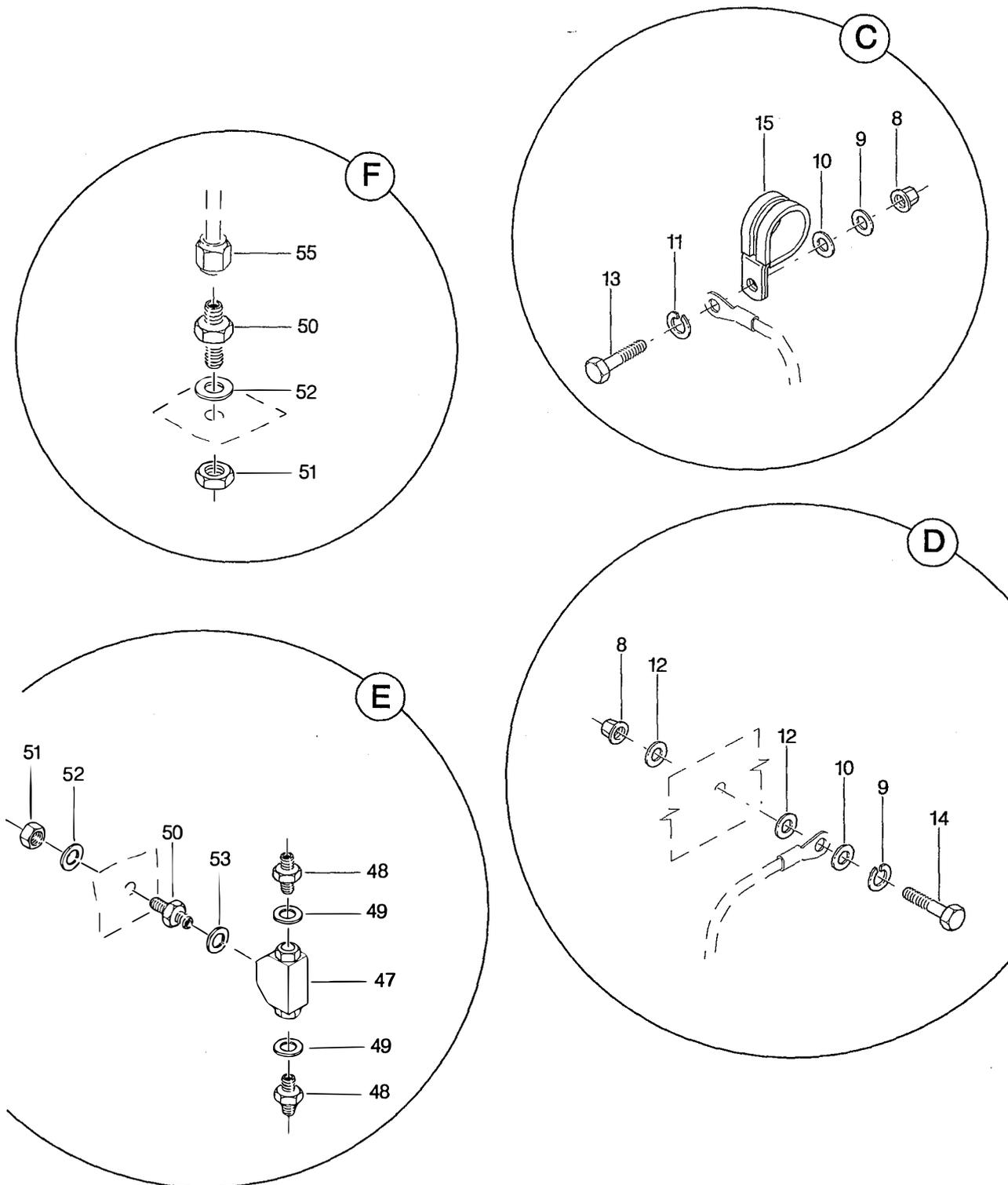


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FIGURA 06. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 2 DE 3)  
 FIGURE 06. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 2 OF 3)

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FIGURA 06. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 3 DE 3)  
FIGURE 06. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 3 OF 3)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
06		SISTEMA HIDRAULICO DO FREIO INSTL, ASA..... BRAKE HYDRAULIC SYSTEM INSTL, WING.....		REF	A	
1	PE27019RI4D	.BRACADEIRA-COM PROTECAO PLASTICO,AL..... CLAMP.....	S4956	2		
2	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
3	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
4	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
5	PE27019RI4D	.BRACADEIRA-COM PROTECAO PLASTICO,AL..... CLAMP.....	S4956	6		
6	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	10		
7	PE88001-1BB5	.METALIZACAO..... BONDING.....	S4956	4		
8	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	6		
9	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		6		
10	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		6		
11	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
12	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	4		
13	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
14	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	4		
16	312-16760-011	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
17	312-16760-009	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	312-16760-007	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
19	312-16760-013	.TUBO CONJ..... TUBE ASSY-BROKE HYDRAULIC SYSTEM.....	S4956	1		
20	33612-4D	.CONEXAO..... ELBOW,90 DEGREES,FLARED,SWIVEL NUT.....	53730	1		
21	312-16791-001	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
22	312-16791-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC BRAKE SYSTEM.....	S4956	1		
23	312-16791-005	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
24	312-16666-011	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
25	312-16666-009	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
26	312-16666-007	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
27	312-16666-013	.TUBO CONJ..... TUBE ASSY-HYDRAULIC BRAKE SYSTEM.....	S4956	1		
28	312-16758-005	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
29	312-16758-003	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
06						
30	312-16758-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC BRAKE SYSTEM.....	S4956	1		
31	312-16664-007	.TUBO CONJ..... TUBE ASSY-HYDRAULIC BRAKE SYSTEM.....	S4956	1		
32	312-16664-005	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
33	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	2		
34	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
35	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
36	MS21919WDG7	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL.....	96906	6		
37	PE27021-83102	.BRACADEIRA..... CLAMP,TANGENCIAL WORM SCREW CRES.....	S4956	4		
38	312-08779-001	.SUPORTE..... SUPPORT.....	S4956	2		
39	312-16786-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	2		
40	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	2		
41	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
42	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
43	312-16761-001	.TUBO CONJ..... TUBE ASSY-STRUT.....	S4956	1		
44	312-16761-003	.TUBO CONJ..... TUBE ASSY-STRUT.....	S4956	1		
45	33815-4J	.UNIAO-FLANGEADA,COM SELO FLUIDTRONI..... UNION,FLARED,FLUIDTRONIC SEAL,CRES.....	53730	2		
46	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
47	499A-4BBB	.VALVULA LANCADEIRA..... SHUTLE VALVES.....		2		
48	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	4		
49	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	4		
50	33832-4D	.CONEXAO UNIAO-COM FLANGE..... UNION,BULKHEAD.....	53730	3		
51	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	3		
52	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	3		
53	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
54	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	15		
55		. SIST HIDRAULICO DO FREIO INSTL, FUSL (VEJA F IG 32-40-02-02)..... BRAKE HYDRAULIC SYSTEM INSTL, FUSLG (SEE FIG 3 2-40-02-02).....		REF		
56		. SUPORTES DO SIST HIDRAULICO INSTL, ASA (VEJA CAP 29)..... PLUMBING CLAMP BLOCKS INSTL, WING (SEE CHAPTER 29).....		REF		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
06  57		<p>. RODA EQUIPADA, FREIO E PNEU INSTL, TDP PRINC (VEJA FIG 32-40-00-01).....</p> <p>ASSEMBLED MAIN WHEEL, BRAKE &amp; TIRE INSTL (SEE FIG 32-40-00-01).....</p> <p>EFETIVIDADES USAGE CODE LIST</p> <p>A AVIOES 312011, 312018, 312030, 312031, 312033, 312035 , 312037, 312065, 312071 A 312074, 312076, 312080, 31 2086, 312093, 312097, 312100, 312145, 312176, 312184, 312189, 312195, 312393 A 312395, 312398 (POS MOD BS 3 12-00-0003)</p> <p>A AIRCRAFT 312011, 312018, 312030, 312031, 312033, 3120 35, 312037, 312065, 312071 THRU 312074, 312076, 31208 0, 312086, 312093, 312097, 312100, 312145, 312176, 31 2184, 312189, 312195, 312393 THRU 312395, 312398 (POS T MOD SB 312-00-0003)</p>		REF		

32-40-02

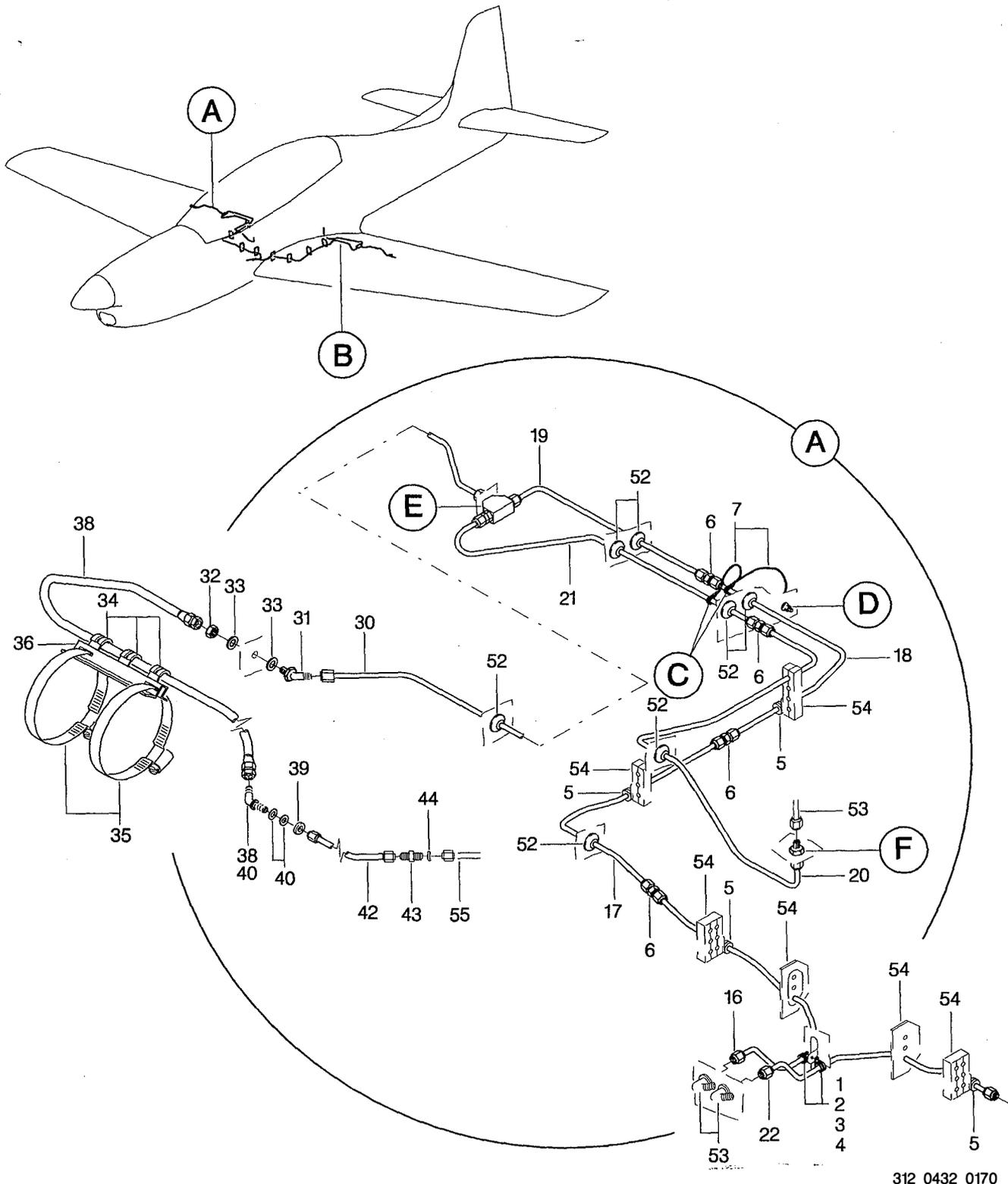
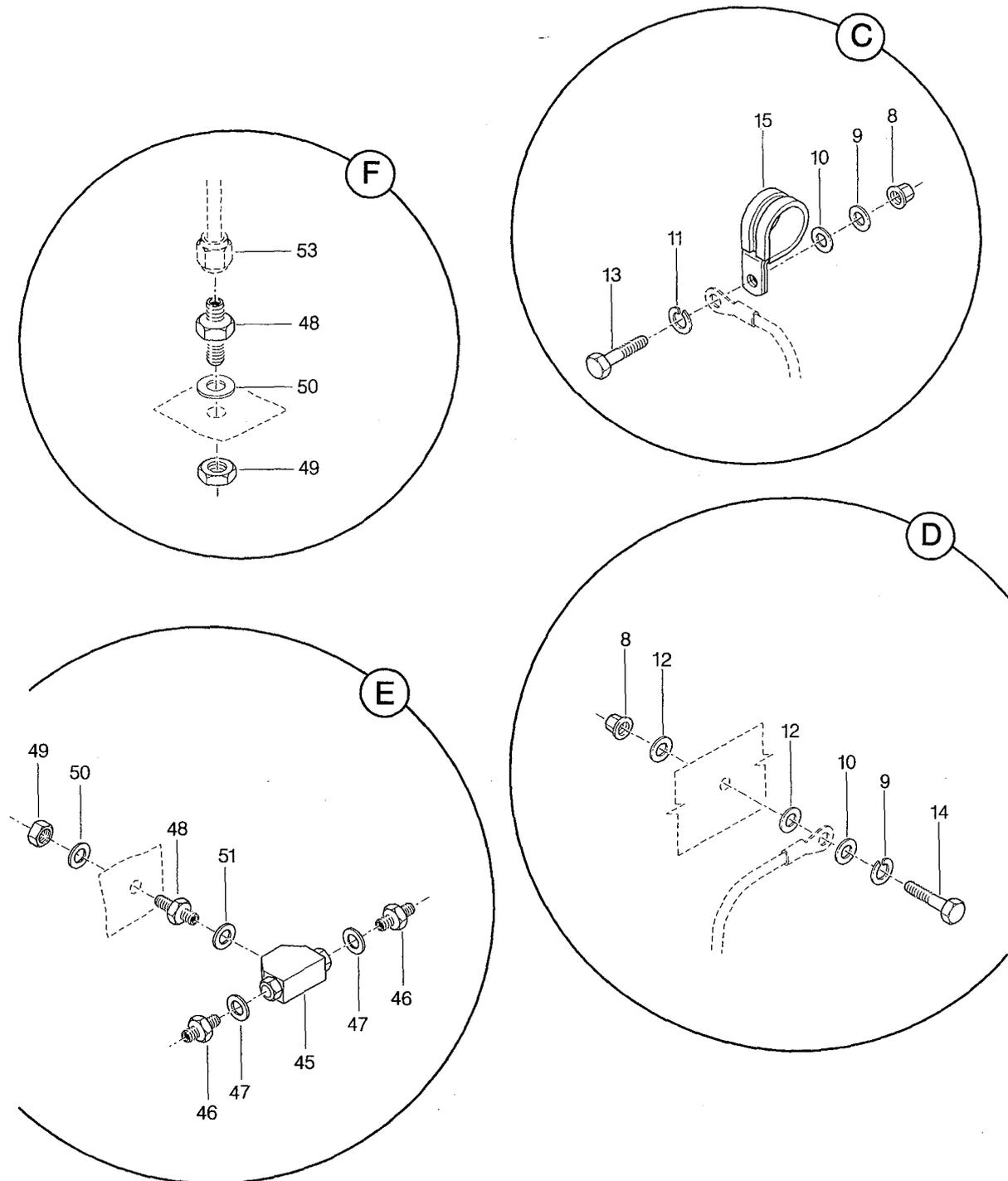


FIGURA 07. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 1 DE 3)  
FIGURE 07. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 1 OF 3)

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FIGURA 07. SISTEMA HIDRAULICO DO FREIO INSTL, ASA (FOLHA 3 DE 3)  
FIGURE 07. BRAKE HYDRAULIC SYSTEM INSTL, WING (SHEET 3 OF 3)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07		SISTEMA HIDRAULICO DO FREIO INSTL, ASA..... BRAKE HYDRAULIC SYSTEM INSTL, WING.....		REF	A	
1	PE27019RI4D	.BRACADEIRA-COM PROTECAO PLASTICO,AL..... CLAMP.....	S4956	2		
2	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
3	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
4	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
5	PE27019RI4D	.BRACADEIRA-COM PROTECAO PLASTICO,AL..... CLAMP.....	S4956	6		
6	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	9		
7	PE88001-1BB5	.METALIZACAO..... BONDING.....	S4956	4		
8	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	6		
9	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....		6		
10	AN960C10L	.ARRUELA (PF)..... WASHER (AP).....		6		
11	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
12	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	4		
13	AN3C4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
14	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	PE27010C4	.BRACADEIRA..... CLAMP.....	S4956	4		
16	312-16760-011	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
17	312-16760-009	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	312-16760-007	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
19	312-16760-005	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
20	312-16791-001	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
21	312-16791-003	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
22	312-16666-011	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
23	312-16666-009	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
24	312-16666-007	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
25	312-16666-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
26	312-16758-005	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
27	312-16758-003	.TUBO CONJ..... TUBE ASSY-BRAKE HYDRAULIC SYSTEM.....	S4956	1		
28	312-16758-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
29	312-16664-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07						
30	312-16664-003	.TUBE ASSY..... TUBE ASSY.....	S4956	1		
31	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	2		
32	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
33	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
34	MS21919WDG7	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL.....	96906	6		
35	PE27021-83102	.BRACADEIRA..... CLAMP,TANGENCIAL WORM SCREW CRES.....	S4956	4		
36	312-08779-001	.SUPORTE..... SUPPORT.....	S4956	2		
37	312-16786-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	2		
38	33837-4D	.CONEXAO 45 GRAUS-COM FLANGE..... CONNECTION.....	53730	2		
39	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
40	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	4		
41	312-16761-001	.TUBO CONJ..... TUBE ASSY-STRUT.....	S4956	1		
42	312-16761-003	.TUBO CONJ..... TUBE ASSY-STRUT.....	S4956	1		
43	33815-4J	.UNIAO-FLANGEADA,COM SELO FLUIDTRONI..... UNION,FLARED,FLUIDTRONIC SEAL,CRES.....	53730	2		
44	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
45	499A-4BBB	.VALVULA LANCADERA (PARA DETALHES VEJA PUBLICACAO OH 499A-4BBB)..... SHUTLE VALVES (FOR DETAILS SEE PUBLICATION OH 499A-4BBB).....		2		
46	33815-4D	.CONEXAO UNIAO-COM FLANGE..... UNION.....	53730	4		
47	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	4		
48	33832-4D	.CONEXAO UNIAO-COM FLANGE..... UNION,BULKHEAD.....	53730	3		
49	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	3		
50	AN960D716	.ARRUELA (PF)..... WASHER (AP).....	88044	3		
51	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
52	MS35489-7	.ILHOS,BOR NBR..... GROMMET.....	96906	15		
53		UTILIZACAO ESPECIFICA USO TEA/AIT SISTEMA HIDRAULICO DO FREIO INSTL, FUSLG (VEJA FIG 32-40-02-02)..... BRAKE HYDRAULIC SYSTEM INSTL, FUSLG (SEE FIG 32-40-02-02).....		REF		
54		UTILIZACAO ESPECIFICA USO TEA/AIT SUPORTES DO SISTEMA HIDRAULICO INSTL, ASA (VEJA CAP 29)..... PLUMBING CLAMP BLOCKS INSTL, WING (SEE CHAPTER 29).....		REF		

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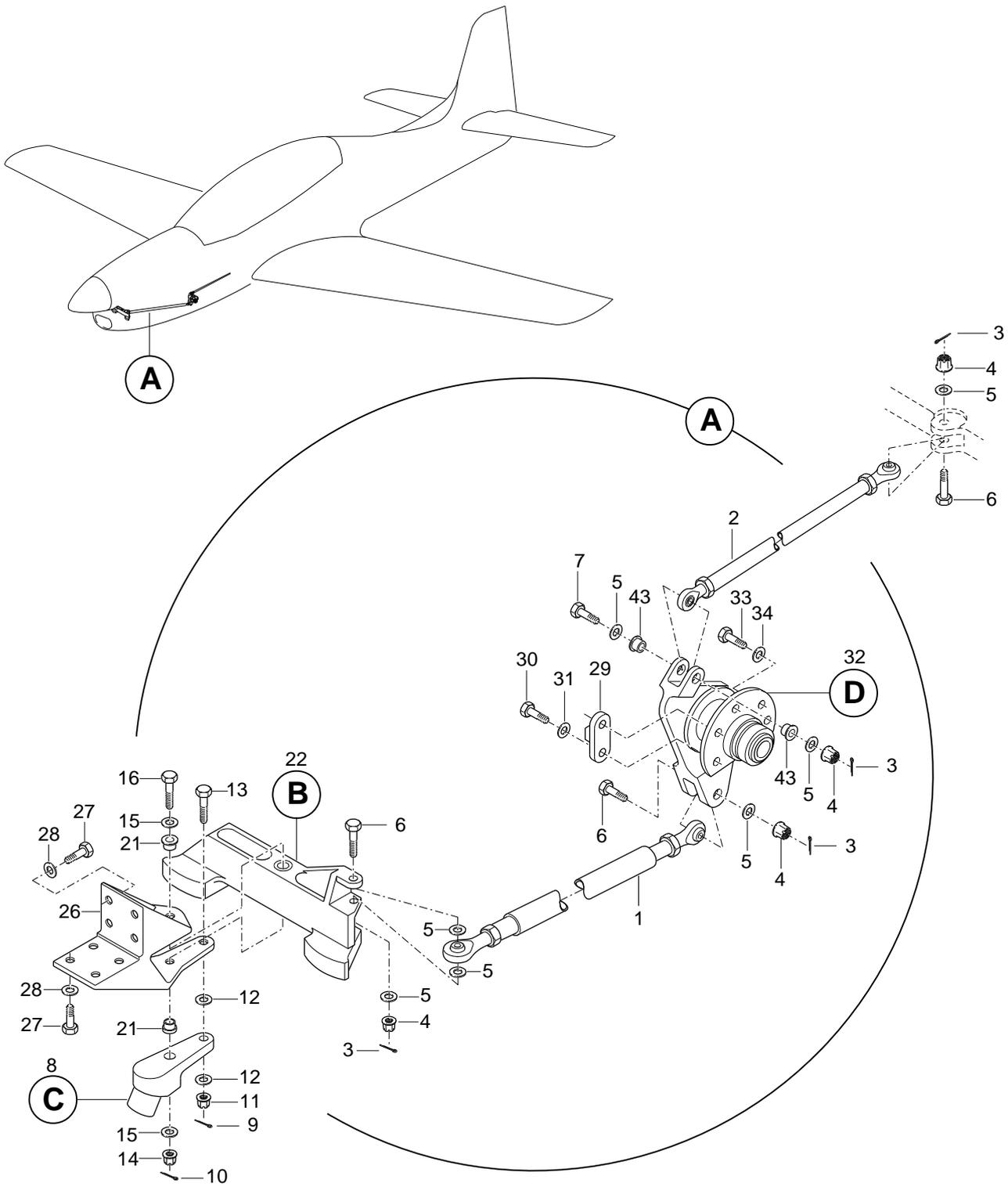
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
07						
55		UTILIZACAO ESPECIFICA USO TEA/AIT RODA EQUIPADA, FREIO E PNEU INSTL, TDP PRINC (VEJA FIG 32-40-00-01)..... ASSEMBLED MAIN WHEEL, BRAKE & TIRE INSTL (SEE FIG 32-40-00-01).....  EFETIVIDADES USAGE CODE LIST A AVIAO 312012 (POS MOD BS 312-00-0003) A AIRCRAFT 312012 (POST MOD SB 312-00-0003)		REF		

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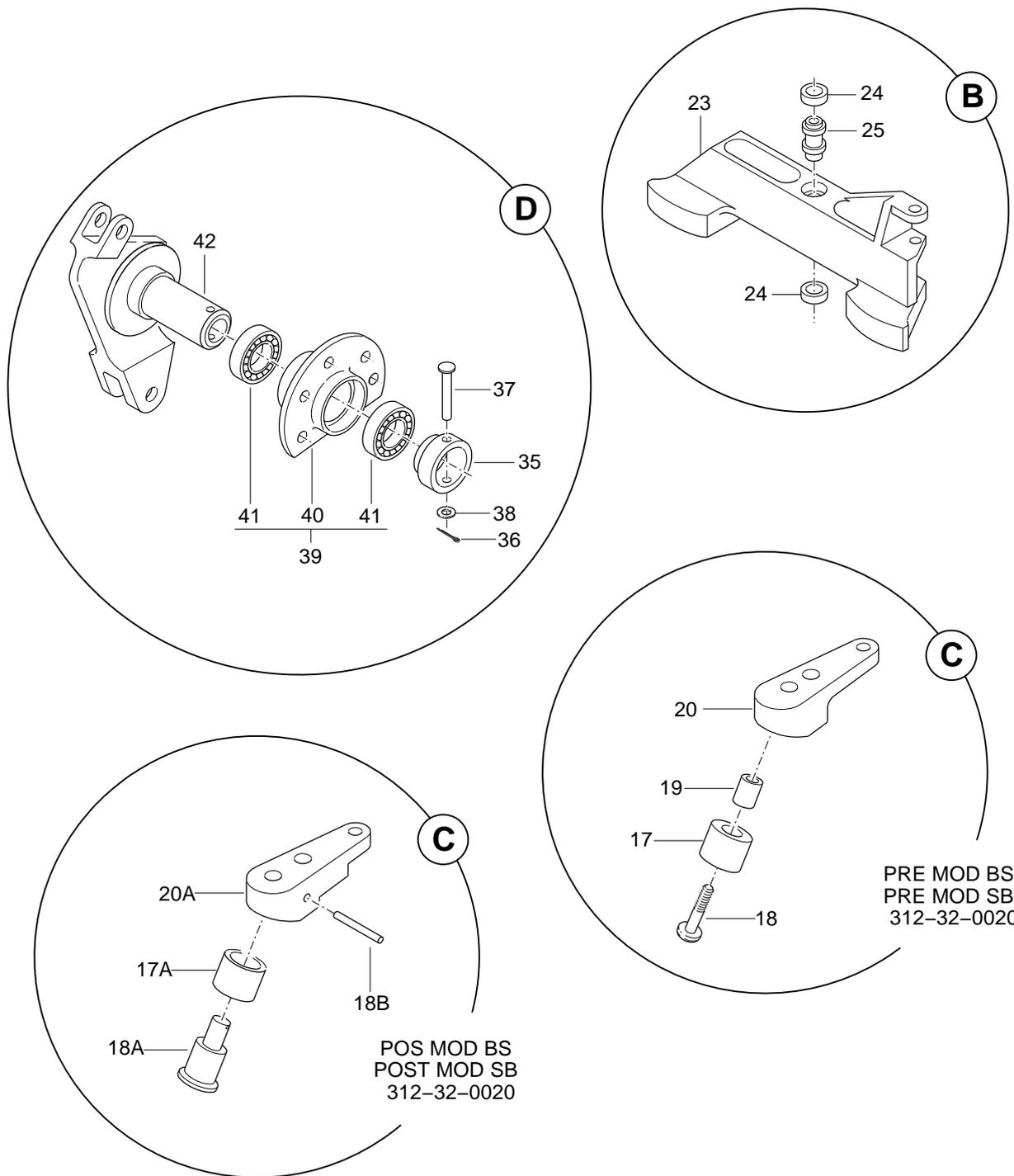
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FIGURA 01. COMANDO DIRECIONAL INSTL (FOLHA 1 DE 2)  
FIGURE 01. NOSE WHEEL STEERING CONTROL INSTL (SHEET 1 OF 2)

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FIGURA 01. COMANDO DIRECIONAL INSTL (FOLHA 2 DE 2)  
FIGURE 01. NOSE WHEEL STEERING CONTROL INSTL (SHEET 2 OF 2)

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**32-50-00**

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		COMANDO DIRECIONAL INSTL .....		REF		
1	312-00646-001	NOSE WHEEL STEERING CONTROL INSTL .....	001JK	1		
	312-18491-001	.HASTE CONJ (PRE MOD BS 312-32-0027) .....	001JK	1	G	
	NAS659-3-5	ROD ASSY (PRE MOD SB 312-32-0027) .....				
	NAS509-5	.HASTE CONJ (POS MOD BS 312-32-0027) .....	80205	2		
2	312-00643-001	ROD ASSY-STEERING (POST MOD SB 312-32-0027) .....	80205	2		
	NAS659-3-5	.TERMINAL ROTULADO .....	80205	2		
	NAS509-5	ROD END, BEARING .....				
3	MS24665-132	.PORCA .....	001JK	1		
4	MS14144L3	NUT .....	80205	2		
5	AN960-10	.HASTE CONJ .....	001JK	1		
	NAS1149F0363P	ROD ASSY .....	80205	2		
	AN960-10	.TERMINAL ROTULADO .....	80205	2		
	NAS1149F0363P	RODEND, BEARING .....	80205	2		
	AN960-10L	.PORCA .....	80205	2		
	NAS1149F0332P	NUT .....	96906	4		
6	NAS6203-14D	.CONTRA PINO (PF) .....	96906	4		
7	NAS6205-17D	PIN, COTTER (AP) .....	96906	4		
	NAS6203-15D	.PORCA SEX CAST,AUTO-FREN,ACO (PF) .....	96906	4		
8	312-07065-003	NUT, CSTL,SELF-LOCKING,STEEL (AP) .....	96906	4		
	312-16153-001	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NAS1149F0363P) (PF) .....	88044	7	006184	
9	MS24665-132	WASHER, FLAT (INTERCH TWO-WAY WITH P/N= NAS1149F0363P) (AP) .....	80205	7	006184	
10	MS24665 -134	.ARRUELA PLANA-ACO (PF) .....	80205	7	006184	
11	MS14144L3	WASHER, FLAT-STEEL (AP) .....	88044	5	185999	
12	AN960-10	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NAS1149F0363P) (PF) .....	88044	5	185999	
	NAS1149F0363P	WASHER, FLAT (INTERCH TWO-WAY WITH P/N=NAS1149F0363P) (AP) .....	80205	5	185999	
13	AN3-6	.ARRUELA PLANA-ACO (PF) .....	80205	5	185999	
		WASHER, FLAT-STEEL (AP) .....	88044	2	185999	
		.ARRUELA (INTERC SENTIDO DUPLO COM P/N=NAS1149F0332P) (PF) .....	88044	2	185999	
		WASHER, FLAT (INTERCH TWO-WAY WITH =NAS1149F0332P) (AP) .....	80205	2	185999	
		.ARRUELA PLANA (PF) .....	80205	2	185999	
		WASHER, FLAT (AP) .....	80205	3		
		.PINO ROSCADO (PF) .....	80205	1	006184	
		BOLT (AP) .....	80205	1	185999	
		.PINO ROSCADO (PF) .....	80205	1	185999	
		BOLT (AP) .....	001JK	1	A	
		.ALINHADOR CONJ .....	001JK	1	B	
		ALIGNER ASSY .....	001JK	1		
		.ALINHAMENTO CONJ .....	96906	1		
		ALIGNMENT ASSY .....	96906	1		
		.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....	96906	1		
		.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....	96906	1		
		.PORCA SEX CAST,AUTO-FREN,ACO (PF) .....	96906	1		
		NUT, CSTL,SELF-LOCKING,STEEL (AP) .....	96906	1		
		.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NA81149F0363P) (PF) .....	88044	2		
		WASHER, FLAT (INTERCH TWO-WAY WITH P/N=NAS1149F0363P) (AP) .....	80205	2		
		.ARRUELA PLANA-ACO (PF) .....	80205	2		
		WASHER, FLAT-STEEL (AP) .....	88044	1	006184	
		.PINO ROSCADO (PF) .....	88044	1	006184	
		BOLT (AP) .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01	NAS6203-15D	.PINO ROSCADO (PF) .....	80205	1	185999	
		BOLT (AP) .....				
14	MS14144L5	.PORCA SEX CAST,AUTO-FREN,ACO (PF) .....	96906	1		
		NUT (AP) .....				
15	AN960-516	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/ N=NAS1149F0563P) (PF) .....	88044	2		
		WASHER, FLAT (INTERCH TWO-WAY WITH P/ N=NAS1149F0563P) (AP) .....				
	NAS1149F0563P	.ARRUELA, PLANA-ACO (PF).....	80205	2		
		WASHER, FLAT-STEEL (AP) .....				
16	NAS6205-45D	.PINO ROSGADO (PF).....	80205	1		
		BOLT (AP) .....				
17	312-07062-001	..ROLETE .....	001JK	1	A	
		ROLLER .....				
17A	312-16151-001	..ROLETE .....	001JK	1	A	
		ROLLER .....				
18	MS27039-4-16	..PARAFUSO (PF) .....	96906	1	A	
		SCREW (AP) .....				
18A	312-16152-001	..PINO (PF) .....	001JK	1	B	
		PIN (AP) .....				
18B	312-08599-001	..PINO (PF) .....	001JK	1	B	
		PIN (AP) .....				
19	312-07063-001	..BUCHA .....	001JK	1	A	
		BUSHING .....				
20	312-07066-003	..SUPORTE .....	001JK	1	A	
		SUPPORT .....				
20A	312-16164-001	..SUPORTE .....	001JK	1	B	
		SUPPORT .....				
21	312-05790-001	..BUGHA .....	001JK	1		
		BUSHING .....				
22	312-06564-001	..GUINHOL GONJ .....	001JK	1		
		BELLCRANK ASSY .....				
23	312-06565-001	..GUINHOL.....	001JK	1		
		BELLCRANK .....				
24	MS27641-5	..ROLAMENTO.....	96906	2		
		BEARING,BALL .....				
25	312-07064-001	..BUGHA .....	001JK	1		
		BUSHING .....				
26	312-07067-001	..SUPORTE .....	001JK	1		
		SUPPORT .....				
27	AN3-5A	.PINO ROSCADO (PF) .....	88044	8		
		BOLT (AP) .....				
28	AN960-10	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NAS1149F0363P) (PF) .....	88044	8		
		WASHER, FLAT (INTERCH TWO-WAY WITH P/ N=NAS1149F0363P) (AP) .....				
	NAS1149F0363P	.ARRUELA PLANA-ACO (PF).....	80205	8		
		WASHER, FLAT-STEEL (AP) .....				
29	312-05785-001	.BASE P/PINULACAO .....	001JK	1		
		BASE,PINNING .....				
	MS20995C32	.ARAME DE FRENO (PF) .....	96906	AR	E	
		WIRE-LOCK, STEEL (AP) .....				
30	AN3-7A	.PINO ROSCADO (PF).....	88044	2	C	
		BOLT (AP) .....				
	AN3H7A	.PINO ROSQUEADO (PF).....	88044	2	E	
		BOLT (AP) .....				
	NAS6203-11	.PARAFUSO (POS MODBS 312-32-0030) (PF) .....	80205	2		
		BOLT (POST MODSB 312-32-0030) (AP) .....				
31	AN960-10	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NA811 49F0363P) (PF) .....	88044	2		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		WASHER, FLAT (INTERCH TWO-WAY WITH P/N=NAS 1149F0363P) (AP) .....				
31A	M835338-138	.ARRUELA-BIPARTIDA, TRAVA, INOX (POS MOD BS 312-32- 0030/0101)(PF) .....	96906	2		
	NA81149F0363P	WASHER-SPLIT, LOCK, CRES (POST MOD SB 312-32-0030/ 0101) (AP) .....				
		.ARRUELAPLANA-AGO (PF) .....	80205	2		
32	312-05786-001	WASHER, FLAT-STEEL (AP) .....				
	312-12663-001	.GUINHOL CONJ .....	001JK	1	006184	
		BELLCRANK ASSY .....				
	312-12663-501	.GUINHOL CONJ .....	001JK	1	185399	
		BELLCRANK ASSY .....				
	M520995C32	.ARRUELAPLANA-AGO (PF) .....	80205	1	400999	
		BELLCRANK ASSY .....				
		.ARAME DE FRENO (PF) .....	96906	AR	E	
		WIRE-LOCK, STEEL (AP) .....				
33	AN3-6A	.PINO ROSCADO (PF) .....	88044	3	C	
		BOLT (AP) .....				
	AN3H6A	.PINO ROSQUEADO CAB SEX, ACO (PF) .....	88044	3	E	
		BOLT, HEXAGON HEAD, STEEL (AP) .....				
	NA56203-8	.PINO ROSCADO (PF) (POS MOD BS 312-32-0030/0101) .....	80205	3		
		BOLT (AP) (POST MOD SB 312-32-0030/0101) .....				
	NA56203-11	.PARAFUSO (PF) .....	80205	3	F	
		BOLT (AP) .....				
34	AN960-10	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NAS1149F0363P) (PF) .....	88044	3		
		WASHER, FLAT (INTERCH TWO-WAY WITH P/ N=NAS1149F0363P) (AP) .....				
34A	M535338-138	.ARRUELA-BIPARTIDA, TRAVA, INOX (POS MOD BS 312-32-0030/0101) (PF) .....	96906	3		
		WASHER-SPLIT, LOCK, CRES (POST MOD SB 312-32-0030/ 0101) (AP) .....				
	NA51149F0363P	.ARRUELA PLANA-ACO (PF) .....	80205	3		
		WASHER, FLAT-STEEL (AP) .....				
35	312-05784-001	.ANEL .....	001JK	1		
		RING .....				
36	M524665-132	.CONTRA PINO (PF) .....	96906	1		
		PIN, COTTER (AP) .....				
37	M820392-1C41	.PINO (PF) .....	96906	1		
		PIN (AP) .....				
38	AN960-4	.ARRUELA PLANA (INTERC SENTIDO DUPLO COM P/N=NAS1149FN432P) (PF) .....	88044	1		
		WASHER, FLAT (INTERCH TWO-WAY WITH PIN=NAS1149FN432P) (AP) .....				
	NA51149FN432P	.ARRUELA, PLANA-ACO (PF) .....	80205	1		
		WASHER, FLAT-STEEL (AP) .....				
39	312-05786-005	.MANCAL CONJ .....	001JK	1		
		BEARING ASSY .....				
40	312-00637-001	...MANCAL .....	001JK	1	C	
		BEARING .....				
	312-16523-001	...COXIM .....	001JK	1	D	
		BEARING .....				
41	M827646-40	...ROLAMENTO .....	96906	2	C	
		BEARING, BALL .....				
	B5540WZZ-FS464	...BEARING, BALL, DOUBLE ROW .....	21335	2	D	
		BEARING, BALL, DOUBLE ROW .....				
42	312-05786-003	.GUINHOL CONJ .....	001JK	1	006184	
		BELLCRANK ASSY .....				
	312-12663-003	.GUINHOL CONJ .....	001JK	1	185999	
		BELLCRANK ASSY .....				
43	312-05789-001	.BUCHA .....	001JK	2		
		BUSHING .....				

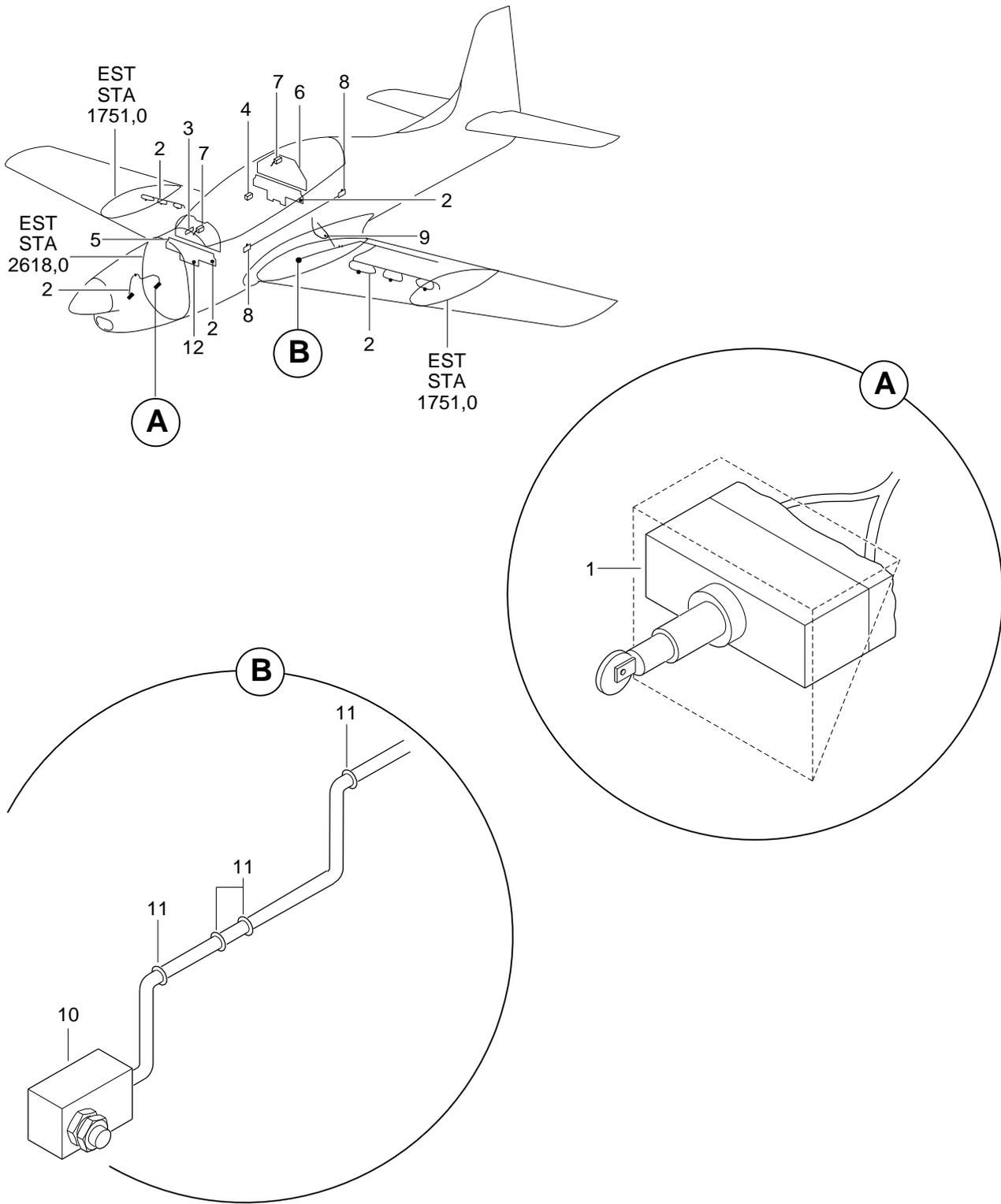
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312367 , 312372 (PRE MOD SB 312-32-0020) <i>A AIRCRAFT 312006 THRU 312367, 312372 (PRE MOD SB 312-32-0020)</i> B AVIOES 312006 A 312367, 312372 (POS MOD BS 312-32-0020)312369, 312373 E SEGUINTEs <i>B AIRCRAFT 312006 THRU 312367, 312372 (POST MOD SB 312-32-0020),312369, 312373 AND ON</i> C AVIOES 312006 A 312424 (PRE MOD BS 312-32-0022) <i>C AIRCRAFT 312006 THRU 312424 (PRE MOD SB 312-32-0022)</i> D AVIOES 312006 A 312424 (POS MOD BS 312-32-0022) ,312425 E SEGUINTEs <i>D AIRCRAFT 312006 THRU 312424 (POST MOD SB 312-32-0022), 312425 AND ON</i> E AVIOES 312006 A 312424 (POS MOD BS 312-32-0022 EPRE MOD BS 312-32-0030), 312425 E SEGUINTEs (PRE MOD BS 312-32-0030/0101) <i>E AIRCRAFT 312006 THRU 312424 (POST MOD SB3 12-32-0022 AND PRE MOD SB3 12-32-0022 AND PRE MOD SB 312-32-0030) 312425 AND ON (PRE MOD SB 312-32-0030/0101)</i> F POS MOD BS 312-32-0030/0102 <i>F POST MOD SB 312-32-0030/0102</i> G AVIOES 312006 A 312428, 312437 A 312475 (POS MD BS 312-32-0027) <i>G AIRCRAFT 312006 THRU 312428, 312437 THRU 312475 (POS MD BS 312-32-0027)</i>				



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FIGURA 01. ALARME E INDICACAO DE POSICAO INSTL, TREM DE POUSO  
FIGURE 01. WARNING & POSITION INDICATION INSTL, LANDING GEAR

**32-60-00**

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ALARME E INDICACAO DE POSICAO INSTL, TREM DE POUSO..... <i>WARNING &amp; POSITION INDICATION INSTL, LANDING GEAR</i>			REF	
1	BZ-2RQ181	.MICROINTERRUPTOR ALARMES PORTA ABERT A (PRE MOD BS 312-032-0015) (S134)..... <i>MICROSWITCH DOOR AJAR WARNING (PRE MOD SB 312- 032-0015) (S134)</i> .....	91929	1	006224	
	312-14240-001	.MICRO AID BZ-2RQ181 ALARME PTA TOP ALARMES PORTA ABERTA (S134,)..... <i>MICRO SWITCH DOOR AJAR WARNING (S134)</i>	84956	1	A	
2		.COMANDO ELETRICO DOS TOP INSTL (VEJA FIG 32-30-01- 02)..... <i>LANDING GEAR ELECTRICAL CONTROL INSTL (SEE FIG 32- 30-01-02)</i> .....		REF	B	
		.COMAN DO ELETRICO DOS TOP INSTL (VEJA FIG 32-30-01- 04)..... <i>LANDING GEAR ELECTRICAL CONTROL INSTL (SEE FIG 32- 30-01-04)</i> .....		REF	C	
3		.PAINEL DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... <i>CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STATION(SEE CHAPTER 39)</i> .....		REF		
4		.CAIXA DE RELES AUXILIARES INSTL (VEJA CAP 39)..... <i>AUXILIARY RELAY BOX INSTL (SEE CHAPTER 39)</i> .....		REF		
5		.PAINEL PRINCIPAL INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... <i>MAIN PANEL INSTL, FRONT FLIGHT STA TION (SEE CHAPTER 39)</i> .....		REF		
6		.PAINEL PRINCIPAL INSTL, POSTO TRASEIRO (VEJA REF CAP 39)..... <i>MAIN PANEL INSTL, REAR FLIGHT STA TION (SEE CHAPTER 39)</i> .....		REF		
7		.SIST ANEMOMETRICO INSTL (VEJA CAP 34)..... <i>PITOT-STATIC SYSTEM INSTL (SEE CHAPTER 34)</i> .....		REF		
8		.COMAN DOS DO MOTOR INSTL, CABINE (VEJA CAP 76) ... <i>ENGINE CONTROLS INSTL, COCKPIT (SEE CHAPTER 76)</i>		REF		
9		.COMAN DO DOS FLAPES INSTL (VEJA CAP 27)..... <i>FLAP CONTROL INSTL (SEE CHAPTER 27)</i> .....		REF		
10	BZ-2RQ181	.MICROINTERRUPTOR PORTA ABERT A ASA ESQ (ALTERN ATIVA USE PIN=BZ-2RQ181-2) (S23)..... <i>MICROSWITCH DOOR AJAR WARNING, LEFT WING (ALTERNATIVE)USE PIN=BZ-2RQ181-2) (S23)</i> .....	91929	1	006282	
	BZ-2RQ181-A2	.MICRO INTER PORTA ABERT A ASA ESQUERDA (S23, S237)..... <i>MICROSWITCH DOOR AJAR WARNING, LEFT WING (S23, S237)</i> .....	91929	1	283999	
	BZ-2RQ181	.MICROINTERRUPTOR PORTA ABERT A ASA DIREITA (ALTERNATIVA USE PIN=BZ2RQ181 ·A2) (S24)..... <i>MICROSWITCH DOOR AJAR WARNING, RIGHT WING (ALTERNATIVE USE PIN=BZ2RQ181-A2) (S24)</i> .....		1	006282	
	BZ-2RQ181-A2	.MICRO INTER PORTA ABERT A ASA DIREITA (S238, S24) <i>MICROSWITCH DOOR AJAR WARNING, RIGHT WING (S238, S24)</i> .....	91929	1	283999	
11	MS35489-1	.ILHOS BOR NBR..... <i>GROMMET</i> .....				

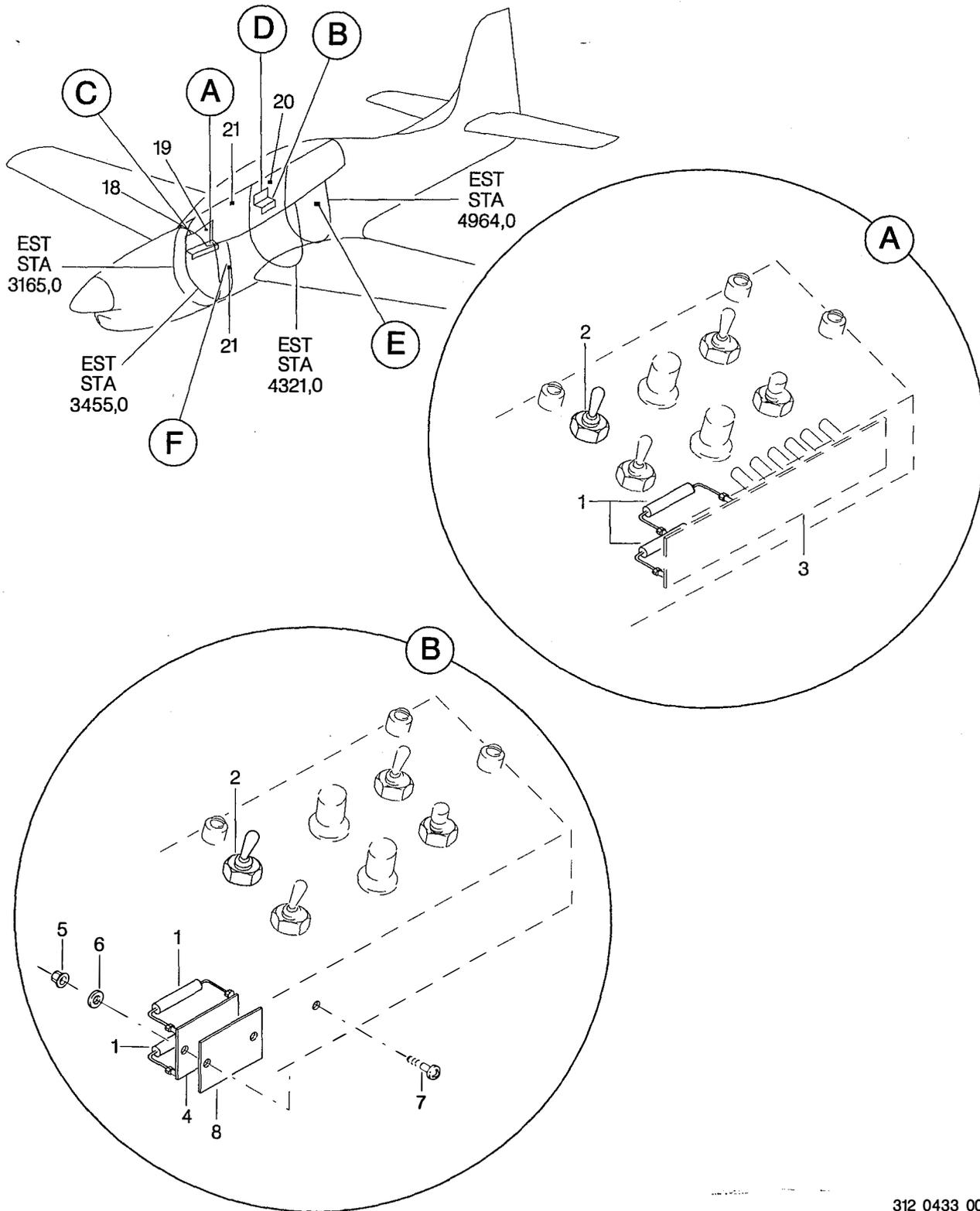
FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		EFETIVIDADES USAGE CODE LIST A AVIOE8 312006 A 312224 (POS MOD BS 312-032-00015), 312225 E 8EGUINTES A AIRCRAFT 312006 THRU 312224 (POST MOD SB 312-032- 0015);312225 AND ON 8 AVIOE8 312045 A 312052 (PRE MOD 88 312-32-0003), 312006 A 312044, 312053 A 312084 8 AIRCRAFT 312045 THRU 312052 (PRE MOD SB 312-32- 0003);312006 THRU 312044, 312053 THRU 312084 c AVIOE8 312045 A 312052 (P08 MOD 88 312-32-0008) 312085E SEGUINTEs c AIRCRAFT 312045 THRU 312052 (POST MOD SB 312-32-0008) 312085 AND ON				

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**CHANGE 9**





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FIGURA 01. ILUMINACAO INTERNA INSTL (FOLHA 1 DE 2)  
FIGURE 01. INTERIOR LIGHTING INSTL (SHEET 1 OF 2)

**33-10-00**

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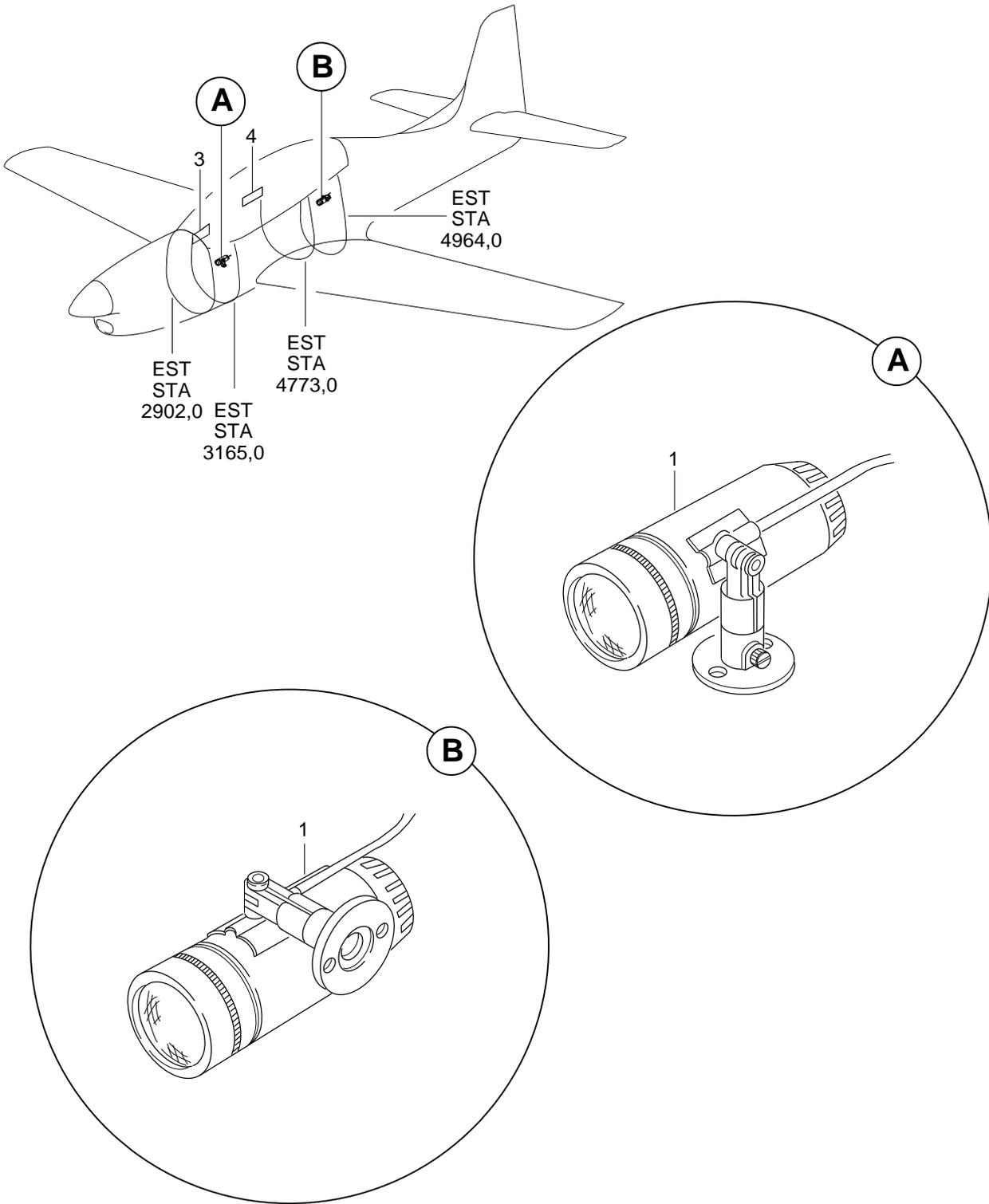
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ILUMINACAO INTERNA INSTL..... INTERIOR LIGHTING INSTL.....		REF		
1	PE95106-68R0K	.RESISTOR (R0054, R0055, R0056, R0057)..... RESISTOR (R0054, R0055, R0056, R0057).....	S4956	4		
2	MS27407-4	.INTERRUPTOR (S0137, S0138)..... SWITCH, TOGGLE (S0137, S0138).....	96906	2		
3		.CONTROLE DE AR CONDICIONADO INSTL (VEJA CAP 21)..... AIR CONDITIONING CONTROL SYSTEM INSTL (SEE CHA PTER 21).....		REF		
4	PE95424-1	.PORTA RESIS (TB0017)..... HOLDER, RESISTOR (TB0017).....	S4956	1		
5	H14-04	.PORCA (PF)..... NUT (AP).....	15653	2		
6	AN960-4	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
7	MS35206-215	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
8	312-07656-003	.CHAPA..... SHEET FENOLITE.....		1		
9	312-08261-001	.LUZ DE CABINE CONJ (DS0065, DS0066, DS0085, D S0086)..... LIGHT ASSY, COCKPIT (DS0065, DS0066, DS0085, DS0086).....	S4956	1		
10	PE25028-6	.ANEL DE RETENCAO (PF)..... RING, RETAINING (AP).....	S4956	1		
11	15-0003-6-1495	.LUZ DE CABINE (INTERC SENTIDO UNICO COM P/N= 15-0003-6-1495X)..... LIGHT, COCKPIT (ONE-WAY INTERCH WITH P/N=15- 0003-6-1495X).....	72914	1		
	15-0003-6-1495X	.LUZ CABINE..... LIGHT, CABIN.....	72914	1		
12	312-08262-001	.SUPORTE..... SUPPORT.....	S4956	1		
13	312-08263-001	.BASE DE ARTICULACAO..... BASE, HINGING.....	S4956	1		
14	312-09713-001	.CALCO..... SHIM.....	S4956	1	086999	
15	AN960-6	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
16	MS24693-S25	.PARAFUSO (PF)..... SCREW (AP).....	31222	2		
17	PE75033-1	.FECHO..... LATCH.....	S4956	2		
18		.PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		
19	MS35489-6	.ILHOS DE BORRACHA..... GROMMET, RUBBER.....	96906	2		
20	PE13006-1	.PERFIL..... CHANNEL, RUBBER.....	S4956	CR		
21	MS35489-4	.ILHOS DE BORRACHA..... GROMMET, RUBBER.....	96906	2		
22	312-09541-001	.CALCO..... SHIM.....	S4956	1		
23	H14-04	.PORCA (PF)..... NUT (AP).....	15653	2		
24	AN960-4	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
25	MS24693-C4	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		

**33-10-00**



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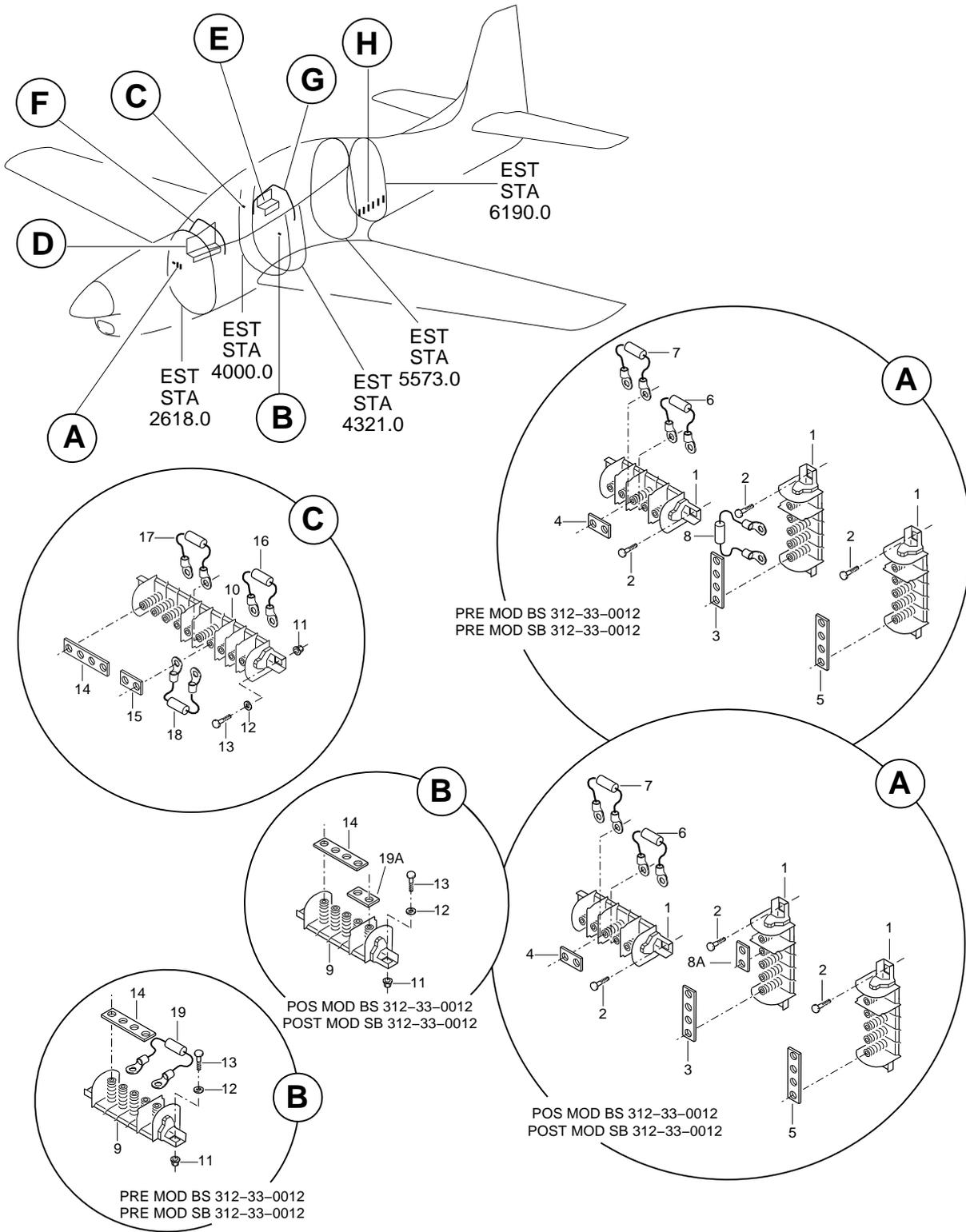
FIGURA 01. PROJETOR DE MAPAS INSTL  
FIGURE 01. UTILITY DE LIGHT INSTL

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		PROJETOR DE MAPAS INSTL..... UTILITY LIGHT INSTL.....				
1	15-0007-87	.PROJETOR (DSO043, DSO044) (PRE MOD BS 312-33-0017) UTILITY LIGHT (DSO043, DSO044) (PRE MOD SB 312-33-0017).....	72914	2		
	15-0007-87	.PROJETOR (DSO043) (POS MOD BS 312-33-0017) ..... UTILITY LIGHT (DSO043) (POST MOD SB 312-33-0017).....	72914	1		
-	MS27039-1-08	.PARAFUSO CABECA ABAULADA (PF) ..... SCREW, TRUSS HEAD (AP).....	96906	4		
-	312-19551-001	CALCO-LUZ MAPA (POS MOD BS 312-33-0017) ..... UTILITY LIGHT REWORK - CALCO (POST MOD SB 312-33-0017).....	001JK	2		
-	MS35206-246	.PARAFUSO (PF) (POS MOD BS 312-33-0017) ..... SCREW (AP) (POST MOD SB 312-33-0017).....	96906	2		
-	MS21061L08	PORCA FLANGE (PF) (POS MOD BS 312-33-0017) ..... NUT, PLATE-SELF LOCKING (AP) (POST MOD SB 312-33-0017).....	96906	2		
-	312-19550-601	LUZ MAPAS RETRAB.-KIT (POS MOD BS 312-33-0017) ..... UTIL LIGHT REWK -KIT (POST MOD SB 312-33-0017).....	001JK	REF		
-	MS35206-244	PARAFUSO (PF) (POS MOD BS 312-33-0017) ..... SCREW (AP) (POST MOD SB 312-33-0017).....	96906	2		
-	NAS1149FN816P	ARRUELA (PF) (POS MOD BS 312-33-0017) ..... WASHER (AP) (POST MOD SB 312-33-0017).....	34696	4		
-	MS21042-08	PORCA (PF) (POS MOD BS 312-33-0017) ..... NUT (AP) (POST MOD SB 312-33-0017).....	96906	2		
-	MS21919WDG3	BRACADEIRA (POS MOD BS 312-33-0017) ..... CLAMP (POST MOD SB 312-33-0017).....	96906	1		
-	MS21919WDG2	BRACADEIRA (POS MOD BS 312-33-0017) ..... CLAMP (POST MOD SB 312-33-0017).....	96906	1		
-	MS3367-1-9	BRACADEIRA (POS MOD BS 312-33-0017) ..... STRAP (POST MOD SB 312-33-0017).....	96906	8		
-	TM2S6	DISPOSITIVO FIXACAO CABLAGEM (POS MOD BS 312-33-0017) ..... HARNES SUPPORT DEVICE (POST MOD SB 312-33-0017)	001JK	1		
3		.PAINEL LATERAL DIR INSTL,POSTO DIANTEIRO (VEJA CAP 39) ..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....				
4		.PAINEL LATERAL DIR INSTL,POSTO TRASEIRO (VEJA CAP 39) ..... RH LATERAL PANEL INSTL, REAR FLIGHT STATION (SEE CHAPTER 39).....				



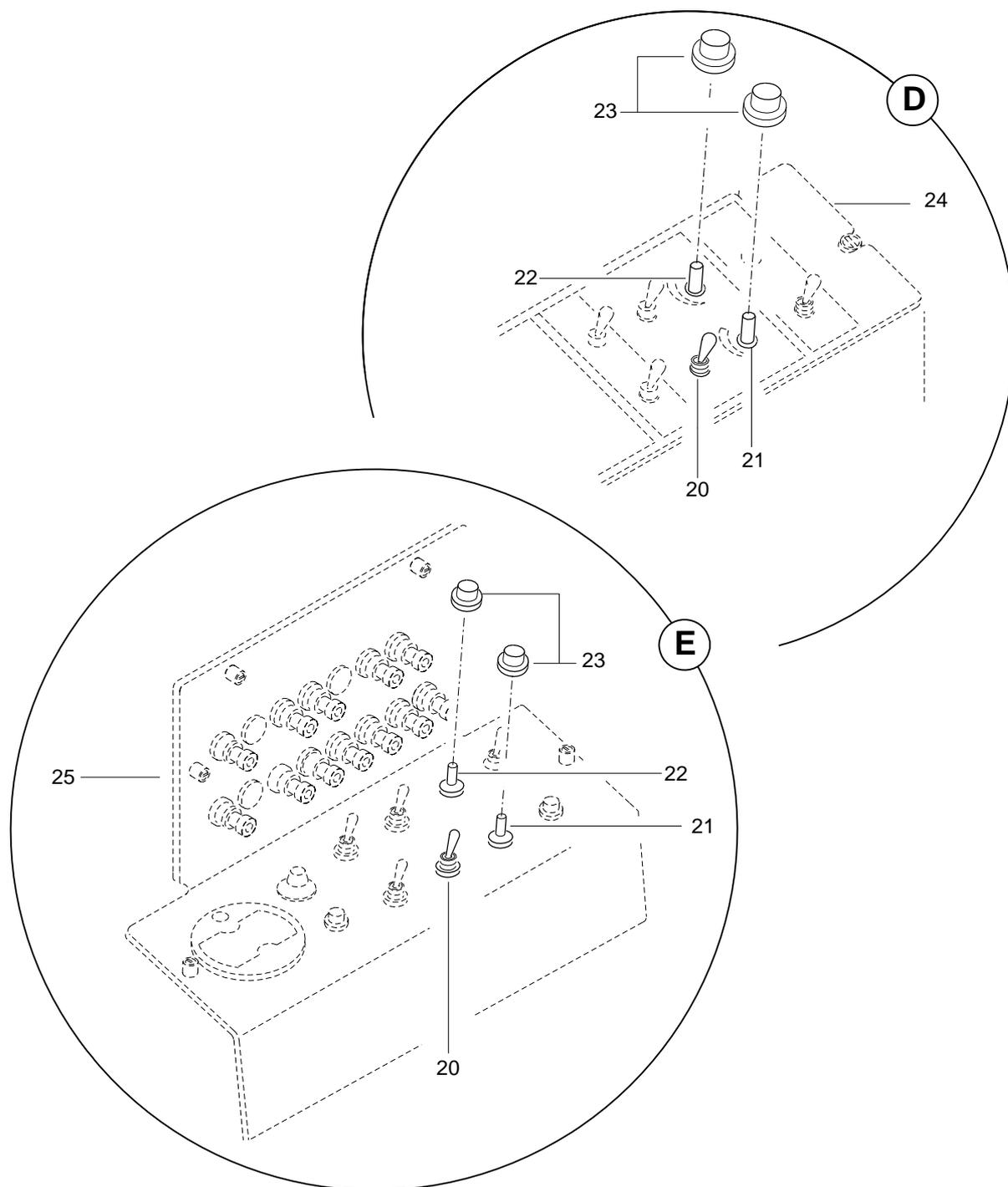
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FIGURA 01. ILUMINACAO DOS PAINES INSTL (FOLHA 1 DE 3)  
 FIGURE 01. PANEL LIGHTING INSTL (SHEET 1 OF 3)

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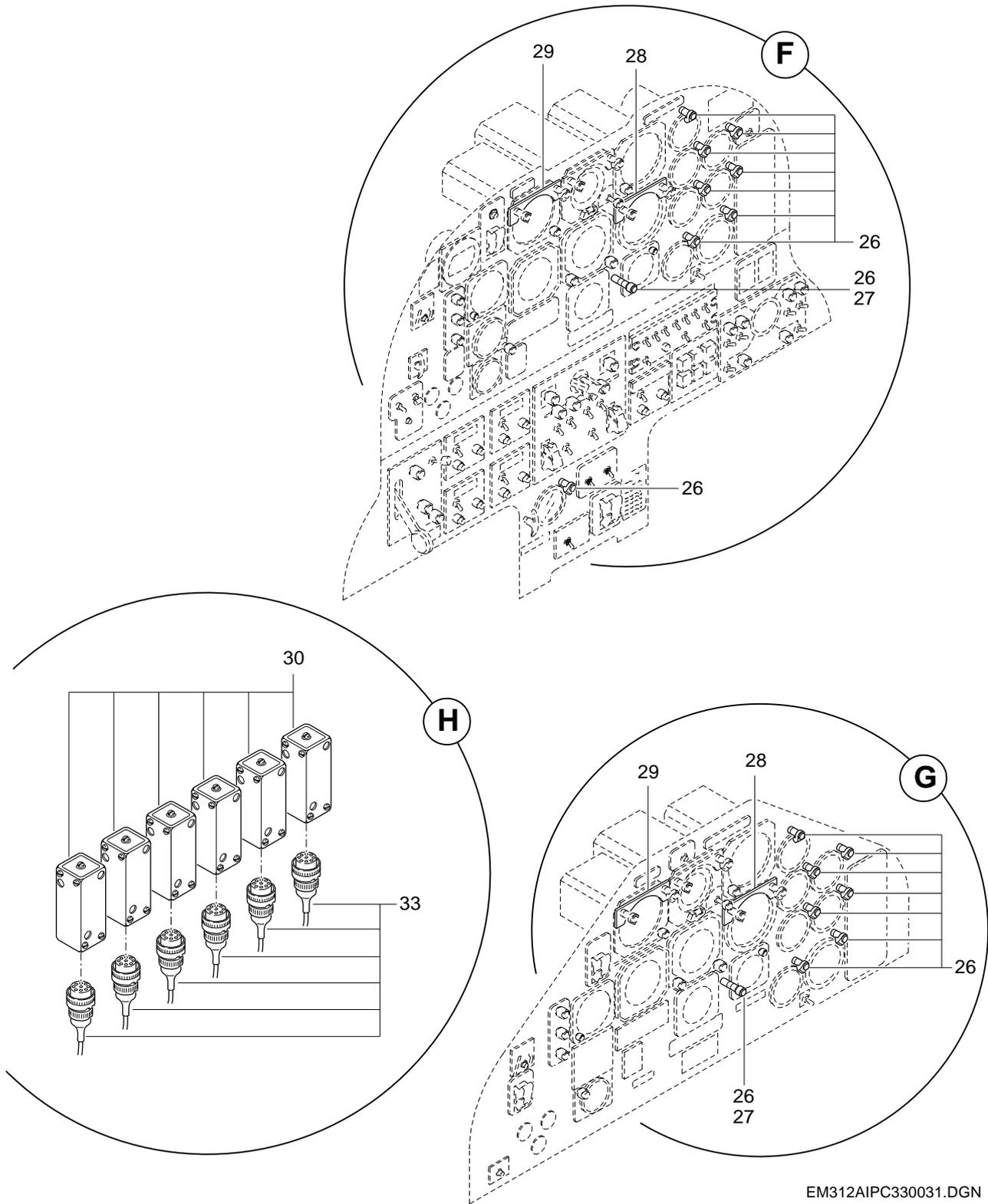
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FIGURA 01. ILUMINACAO DOS PAINEIS INSTL (FOLHA 2 DE 3)  
FIGURE 01. PANEL LIGHTING INSTL (SHEET 2 OF 3)

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FIGURA 01. ILUMINACAO DOS PAINES INSTL (FOLHA 3 DE 3)  
FIGURE 01. PANEL LIGHTING INSTL (SHEET 3 OF 3)

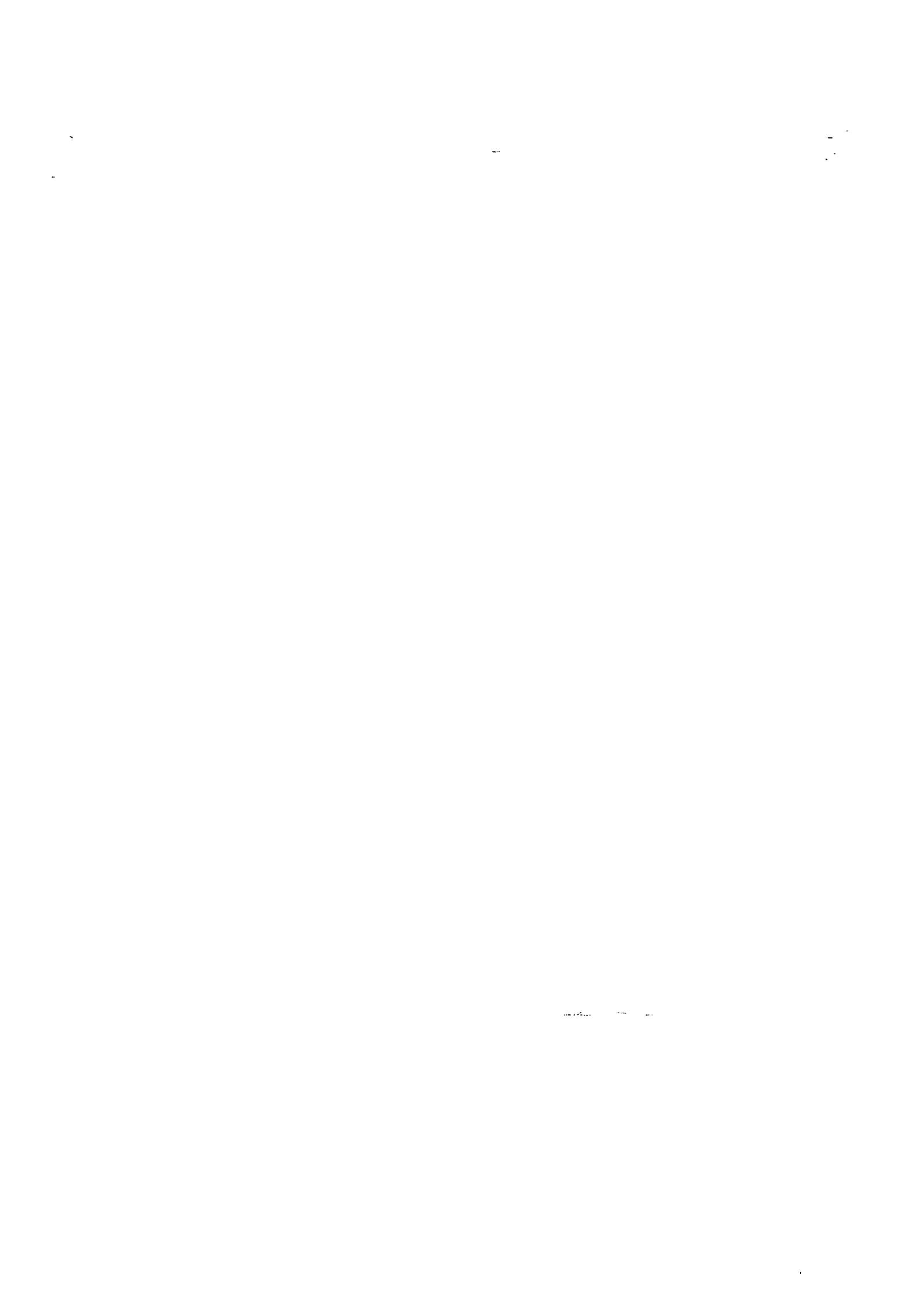
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CHANGE 9

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		ILUMINACAO DOS PAINEIS INSTL .....		REF		
1	PE95091-5-1-5	PANEL LIGHTING INSTL .....				
		.BARRA DE TERMINAL (TB0008, TB0011, TB0014) .....	001JK	3		
2	MS35206-228	.BAR, CONNECTOR (TB0008, TB0011, TB0014) .....				
		.PARAFUSO (PF) .....	96906	6		
	H14-08	.SCREW (AP) .....				
		.PORCA .....	15653	15		
		.NUT, SPLINE .....				
3	PE88027-3	.BARRA DE LIGACAO .....	001JK	2		
		.BAR, CONNECTING .....				
4	PE88027-1	.BARRA DE LIGACAO .....	001JK	1		
		.BAR, CONNECTING .....				
5	PE88026-3	.BARRA DE LIGACAO .....	001JK	1		
		.BAR, CONNECTING .....				
6	PE95105-1800K	.RESISTOR (R0028) .....	001JK	1		
		.RESISTOR (R0028) .....				
7	PE95100-272K	.RESISTOR (R0026) .....	001JK	1	006334	
		.RESISTOR (R0026) .....				
	ECODE2058176	.RESISTOR (R0026) .....	001JK	1	315999	
		.RESISTOR (R0026) .....				
8	PE95105-27R0K	.RESISTOR (R0044) .....	001JK	1	E	
		.RESISTOR (R0044) .....				
8A	PE88027-1	.BARRA DE LIGACAO .....	001JK	1	F	
		.BAR, CONNECTING .....				
	R1890SN	.TERMINAL .....	14726	8		
		.TERMINAL .....				
9	PE95091-5-1-5	.BARRA DE TERMINAL (TB0009) .....	001JK	1		
		.BAR, CONNECTOR (TB0009) .....				
10	PE95091-10-1-10	.BARRA DE TERMINAIS (TB0012) .....	001JK	1		
		.TERMINAL BLOCK (TB0012) .....				
	H14-08	.PORCA .....	15653	15		
		.NUT, SPLINE .....				
11	H14-06	.PORCA HEXAGONAL ESTRIA (PF) .....	15653	2		
		.NUT, SPLICE HEXAGON (AP) .....				
12	AN960-6	.ARRUELA PLANA (PF) .....	88044	2	A	
		.WASHER, FLAT (AP) .....				
	AN960-4L	.ARRUELA (PF) .....	88044	2	B	
		.WASHER (AP) .....				
13	MS35206-232	.PARAFUSO (PF) .....	96906	2	A	
		.SCREW (AP) .....				
	MS35206-227	.PARAFUSO CABECA ABAULADA CILINDRICA (PF) .....	96906	2	B	
		.SCREW, PAN HEAD, CROSS REG, STEEL (AP) .....				
14	PE88027-3	.BARRA DE LIGACAO .....	001JK	2		
		.BAR, CONNECTING .....				
15	PE88027-1	.BARRA DE LIGACAO .....	001JK	1		
		.BAR, CONNECTING .....				
16	PE95105-1000K	.RESISTOR (R0002) .....	001JK	1		
		.RESISTOR (R0002) .....				
17	PE95100-272K	.RESISTOR (R0027) .....	001JK	1		
		.RESISTOR (R0027) .....				
18	PE95105-1800K	.RESISTOR (R0029) .....	001JK	1		
		.RESISTOR (R0029) .....				
19	PE95105-27R0K	.RESISTOR (R0045) .....	001JK	1	E	
		.RESISTOR (R0045) .....				
19A	PE88027-1	.BARRA DE LIGACAO .....	001JK	1	F	
		.BAR, CONNECTING .....				
	R1890SN	.TERMINAL .....	14726	8		
		.TERMINAL .....				
20	MS24523-22	.INTERRUPTOR (S0078, S0084) .....	96906	2	C	
		.SWITCH, TOGGLE (S0078, S0084) .....				
	MS24524-22	.INTERRUPTOR (S0078, S0084) .....	96906	2	D	
		.SWITCH, TOGGLE (S0078, S0084) .....				
21	70B1N056F502W	.POTENCIOMETRO SIMPLES (ALTERNATIVA USE PN 8142530) (R16, R17) .....	1121	2		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
	8142530	POTENTIOMETER, SINGLE (ALTERNATIVE USE PN 8142530) (R16, R17) .....	12697	2		
22	7001N056F502W	.POTENCIOMETRO SIMPLES (R50, R51) .....	1121	2		
		POTENTIOMETER, SINGLE (R50, R51) .....				
	8142531	.POTENCIOMETRO DUPLO (AL TERNATIVA USE PN 8142531) (R18, R19) .....	12697	2		
23	PE915059-1	POTENTIOMETER, DUAL (ALTERNATIVE USE PN 8142531) (R18, R19) .....	001JK	4		
24		.BOTAO .....			REF	
		KNOB .....				
25		.PAINEL LATERAL DIREITO INSTL, POSTO DIANTEIRO (VEJA CAP 39) .....			REF	
		FRONT FLIGHT STATION LATERAL PANEL INSTL, RIGHT (SEE CHAPTER 39) .....				
26	A-67958-2-24	.PAINEL LATERAL DIREITO INSTL, POSTO TRASEIRO (VEJA CAP 39) .....	72914	17		
		REAR FLIGHT STATION LATERAL PANEL INSTL, RIGHT (SEE CHAPTER 39) .....				
27	312-10811-001	.LUZ INSTRUMENTOS (DS0051, DS0052, DS0053, DS0054, DS0055, DS0056, DS0058, DS0059, DS0060, DS0061, DS0062, DS0063, DS0064, DS0081, DS0082, DS0083, DS0084) .....	001JK	2		
		LIGHT, INSTRUMENT (DS0051, DS0052, DS0053, DS0054, DS0055, DS0056, DS0058, DS0059, DS0060, DS0061, DS0062, DS0063, DS0064, DS0081, DS0082, DS0083, DS0084) .....				
28	B6610B	.ESPACADOR .....	72914	2		
		SPACER .....				
29	312-07162-001	.MASCARA (A0033, A0065) .....	001JK	2		
		MASK (A0033, A0065) .....				
30	LT100	.MASCARA INSTRUMENTO CONJ (A0028, A0059) .....	16017	6		
		MASK ASSY INSTRUMENT (A0028, A0059) .....				
	AN3-25A	.CONTROLADOR (A0025, A0026, A0050, A0051, A0079, A0080) .....	88044	12		
	AN960D10	DIMMER (A0025, A 0026, A0050, A0051, A0079, A0080) .....				
33	MS3106F14S-5S	.PINO ROSCADO (PF) .....	96906	6		
	MS20995C20	BOLT (AP) .....	96906	AR		
	PE24013-10C	.ARRUELA (PF) .....	001JK	6		
		WASHER (AP) .....				
		EFETIVIDADES USAGE CODE LIST A EMB312A(H) A EMB312A(H) B EMB312A(A) B EMB312A(A) C AVIOES 312005 A 312155 (PRE MOD BS 312-033-0007) C AIRCRAFT 312005 A 312155 (PRE MOD BS 312-033-0007) D AVIOES 312005 A 312155 (POT MOD BS 312-033-0007), 312159 E SEGUINTE D AIRCRAFT 312005 A 312155 (POST MOD SB 312-033-0007), 312159 AND ON E AVIOES 312195, 312233 A 312236 (PRE MOD BS 312-033-0012) E AIRCRAFT 312195, 312233 A 312236 (PRE MOD SB 312-033-0012) F AVIOES 312195, 312233 A 312236 (POS MOD BS 312-033-0012),312198,312199,312205,312206,312237 E SEGUINTE F AIRCRAFT 312195, 312233 A 312236 (POST MOD SB 312-033-0012),312198,312199,312205,312206,312237 AND ON				



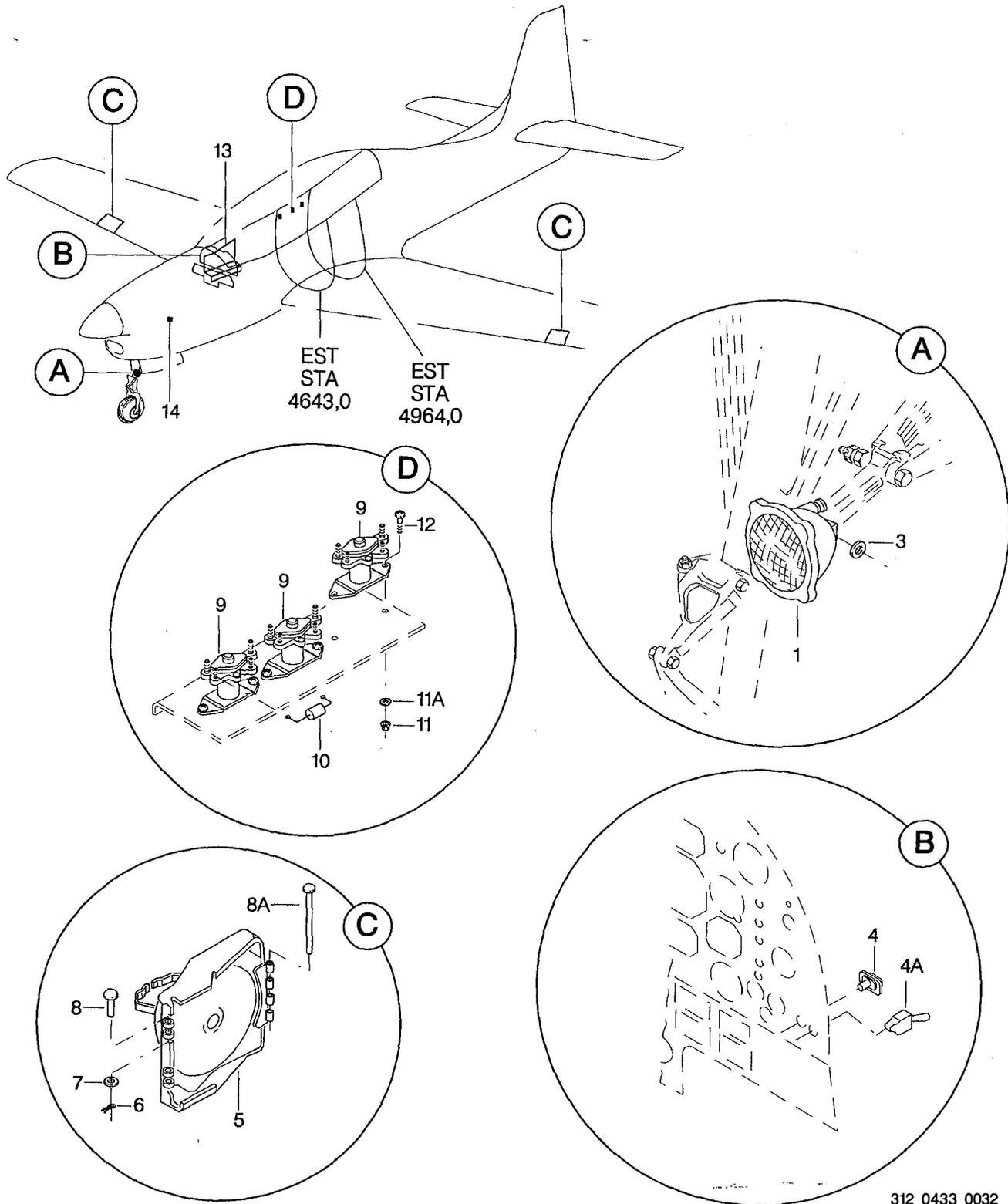


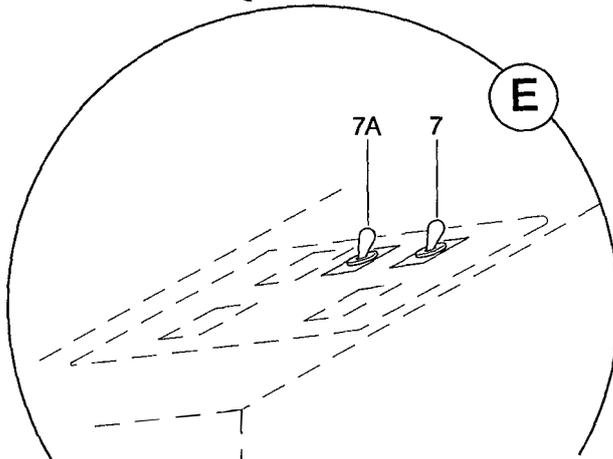
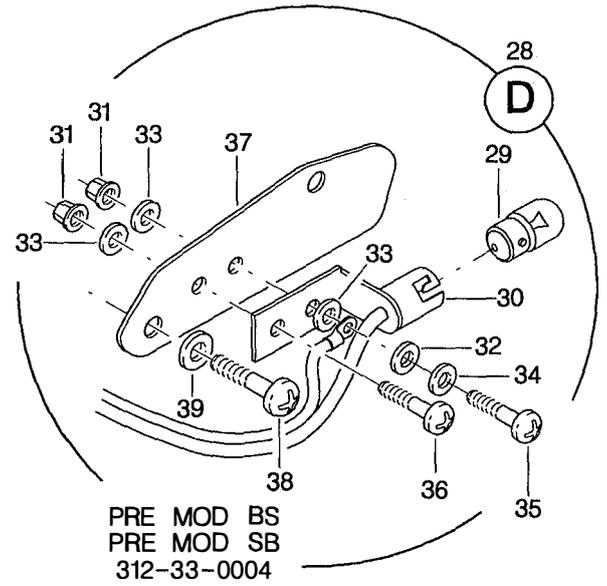
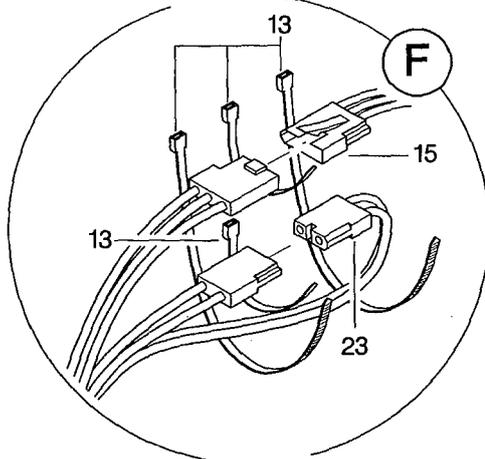
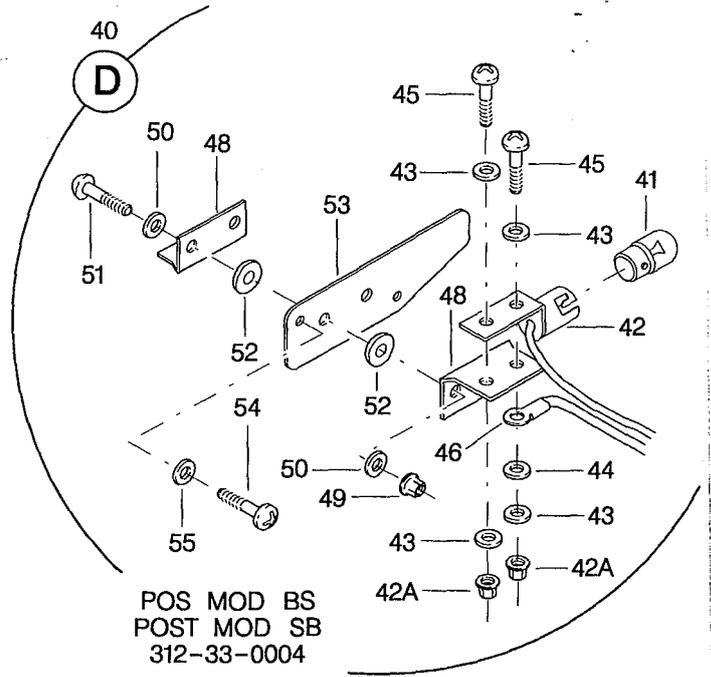
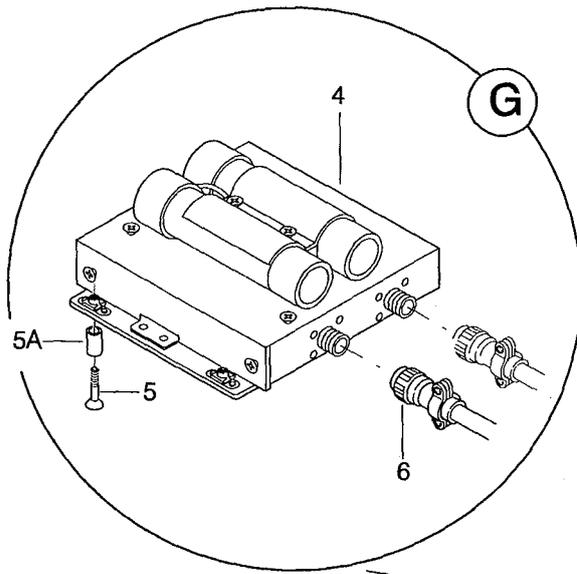
FIGURA 01. FAROIS DE TAXI E ATERRAGEM INSTL  
FIGURE 01. LANDING & TAXI LIGHTS INSTL

**33-40-00**

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		FAROI DE TAXI E ATERragem INSTL..... LANDING & TAXI LIGHTS INSTL.....		REF		
1	312-06942-001	.FAROL (AVD PN D-6490-3, GRIMES) (DS0015)..... LIGHT, TAXI (AF GRIMES PN D-6490-3) (DS0015).....	S4956	1		
	MS20995C32	.ARAME DE FRENO (PF)..... LOCKWIRE (AP).....	96906	CR		
3	AN960-816	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
4	810UN01S4BF5F	.CHAVE (S0151)..... SWITCH, 3-CATEYE (S0151).....	F0214	1		
4 A	MS27407-4	.INTERRUPTOR (S0161)..... SWITCH, TOGGLE (S0161).....	96906	1		
5	50-0014-9	.FAROL DE ATERragem (DS0016, DS0017)..... LIGHT, LANDING (DS0016, DS0017).....	72914	2		
6	MS24665-134	.CONTRA PINO (PF)..... PIN, COTTER (AP).....	96906	2		
7	AN960-4	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2		
8	MS20392-1C15	.PINO (PF)..... PIN (AP).....	96906	2		
8 A	4A-780-21-65	.PINO..... PIN.....	S4956	1		
9	MS24166-D1	.RELE (K0004, K0005, K0039)..... RELAY (K0004, K0005, K0039).....	96906	3		
10	1N4007	.DIODO (CR0090)..... DIODE (CR0090).....		1	C	
	MS25036-145	.TERMINAL ELETRICO..... TERMINAL,ELECTRICAL.....	96906	2	C	
11	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	6		
11 A	AN960D10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	6		
12	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	6		
13		. PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (V EJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION ( SEE CHAPTER 39).....		REF		
14		. COMANDO ELETRICO DOS TDP INSTL (VEJA CAP 32)... LANDING GEAR ELECTRICAL CONTROL INSTL (SEE CHA PTER 32).....		REF		
EFETIVIDADES USAGE CODE LIST C AVIOES 312006 A 312321 (POS MOD BS 312-033-0013), 312 322 E SEGUINTEs C AIRCRAFT 312006 THRU 312321 (POST MOD SB 312-033-0013 ), 312322 AND ON						





312 0433 0034

FIGURA 01. LUZES DE NAVEGACAO INSTL (FOLHA 2 DE 2)  
 FIGURE 01. NAVIGATION LIGHTS INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		LUZES DE NAVEGACAO INSTL..... NAVIGATION LIGHTS INSTL.....		REF		
1	30-1617-1	.LUZ POSICAO/ANTI-COLISIAO (DS0018)..... LIGHT, POSITION/ANTICOLLISION (DS0018).....	72914	1		
2	30-1617-2	.LUZ POSICAO/ANTI-COLISIAO (DS0019)..... LIGHT, POSITION/ANTICOLLISION (DS0019).....	72914	1		
	MS35206-229	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
4	60-2799-1	.FONTE (PS0001, PS0002)..... POWER SUPPLY,ANTI-COLLISION (PS0001, PS0002).....	72914	2		
5	MS24693C49	.PARAFUSO (PF) (P0016, P0017)..... SCREW (AP) (P0016, P0017).....	96906	8		
5 A	312-00131-007	.TUBO CONJ..... TUBE ASSY.....	S4956	4		
6	MS3106F10SL-3S	.CONECTOR (P0016, P0017)..... CONNECTOR (P0016, P0017).....	96906	2		
7	MS27407-4	.INTERRUPTOR (S0160)..... SWITCH, TOGGLE (S0160).....	96906	1		
7 A	MS24523-22	.INTERRUPTOR (S0032)..... SWITCH, TOGGLE (S0032).....	96906	1		
8	A490T-DF-M-28	.FONTE (INTERC SENTIDO DUPLO COM P/N=A490T-CF- M-14/28) (PS0005)..... POWER SUPPLY (TWO-WAY INTERCH WITH P/N=A490T- CF-M-14/28) (PS0005).....	10402	1		
	A490T-CF-M-14/28	.FONTE..... POWER SUPPLY,STROBE LIGHT.....	10402	1		
9	MS27039-1-07	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	4	006224	
	MS35206-245	.PARAFUSO CAB ABAUL.FENDA CRUZ,ACO..... SCREW,PAN HEAD,CROSS RECESS,STEEL.....	96906	4	225999	
10	AN960D10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4	006224	
	AN960D8	.ARRUELA PLANA..... WASHER,FLAT.....	88044	4	225999	
11	A-500-HD-M-28	.LUZ DE CAUDA ESTROBOSCOPICA (DS0020)..... LIGHT, STROBE, TAIL (DS0020).....	10402	1		
12	MS51957-17	.PARAFUSO CABECA ABAULADA (PF)..... SCREW,TRUSS HEAD (AP).....	96906	2		
13	MS3367-1-9	.FITA ABRACADEIRA..... STRAP,TIEDOWN.....	96906	8		
14	312-11018-001	.CABLAGEM LUZ ANTICOLIZAO (W0022)..... WIRING, ANTICOLLISION LIGHT (W0022).....	S4956	1		
15	03-09-2038	..CONECTOR (1P0228)..... CONNECTOR (1P0228).....	27264	1		
	02-09-2118	..PINO CONTATO..... PIN, CONNECTOR.....	27264	CR		
16	1-480273-0	..CONECTOR (1P0333)..... CONNECTOR (1P0333).....	00779	1		
	61117-4	..CONTATO..... CONTACT, SOCKET.....	00779	CR		
17	R1892SN	..TERMINAL ELETRICO..... TERMINAL,ELECTRICAL.....	S4956	1		
18	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
18 A	AN960D10	.ARRUELA (PF)..... WASHER (AP).....		1		
18 B	AN960C10	.ARRUELA PLANA,INOX (PF)..... WASHER,PLAIN,CRES (AP).....	88044	1		
18 C	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
18 D	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	1		
19	PE13006-1	.PERFIL..... CHANNEL, RUBBER.....	S4956	CR		
20	312-10941-003	.CABLAGEM CONJ LEME..... WIRING ASSY, RUDDER.....	S4956	1		
21	1-480276-0	..CONECTOR (2P0333)..... CONNECTOR (2P0333).....	00779	1		
	61118-1	..PINO P/ CONECTOR..... PIN, CONNECTOR.....	00779	CR		
22	03-09-1038	..CONECTOR (1P0230)..... CONNECTOR (1P0230).....	27264	1		
	02-09-1118	..PINO P/ CONECTOR..... PIN, CONNECTOR.....	27264	CR		
23	03-09-1028	..CONECTOR (1P0229)..... CONNECTOR (1P0229).....	27264	1		
	02-09-1118	..PINO P/ CONECTOR..... PIN, CONNECTOR.....	27264	CR		
25	TA2064-1683	..LUZ DE NAVEGACAO TRASEIRA (DS0089)..... LIGHT, STROBE, TAIL (DS0089).....	S4956	1		
26	MS51957-17	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	2		
28	312-10929-001	..LUZ BALIZAMENTO CONJ (DS0087)..... LIGHT ASSY, NAVIGATION (DS0087).....	S4956	1	A	
	312-10929-002	..LUZ BALIZAMENTO CONJ (DS0088)..... LIGHT ASSY, NAVIGATION (DS0088).....	S4956	1	A	
29	MS25231-313	..LAMPADA..... LAMP.....	96906	1	A	
30	PE95124	..SOQUETE..... SOCKET, LAMP.....	S4956	1	A	
31	H14-04	..PORCA (PF)..... NUT (AP).....	15653	2	A	
32	NAS1149DN432H	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	80205	1	A	
33	AN960-3L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	3	A	
34	MS35338-40	..ARRUELA PLANA, INOX (PF)..... WASHER, PLAIN, CRES (AP).....	96906	1	A	
35	MS35206-216	..PARAFUSO (PF)..... SCREW (AP).....	96906	1	A	
36	MS35206-214	..PARAFUSO (PF)..... SCREW (AP).....	96906	1	A	
37	312-10928-001	..SUPORTE, LUZ BALIZAMENTO..... SUPPORT.....	S4956	1	A	
38	MS35206-227	.PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW, PAN HEAD, CROSS REC, STEEL (AP).....	96906	2		
39	AN960-6L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
40	312-12750-001	..LUZ MARCACAO CONJ (DS0128)..... MARKING LIGHT ASSY (DS0128).....	S4956	1	B	
	312-12750-501	..LUZ MARCACAO CONJ (DS0130)..... LIGHT ASSY - MARKING (DS0130).....	S4956	1	283999	
	312-12750-002	..LUZ MARCACAO CONJ (DS0129)..... MARKING LIGHT ASSY (DS0129).....	S4956	1	B	
	312-12750-502	..LUZ MARCACAO CONJ (DS0131)..... MARKING LIGHT ASSY (DS0131).....	S4956	1	283999	
41	MS25231-313	..LAMPADA..... LAMP.....	96906	1	C	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
Q1						
42	PLG-743	..SOQUETE (ALTERNATIVA USE PN 312-12750-003)..... SOCKET (ALTERNATIVE USE PN 312-12750-003).....	S4956	1	C	
42 A	H14-04	..PORCA (PF)..... NUT (AP).....	15653	2	C	
	312-12750-003	..SOQUETE (ALTERNATIVA USE PN PLG-743)..... SOCKET (ALTERNATIVE USE PN PLG-743).....	S4956	1	C	
43	AN960-3L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4	C	
44	MS35338-40	..ARRUELA PLANA,INOX (PF)..... WASHER,PLAIN, CRES (AP).....	96906	1	C	
45	MS51957-14	..PARAFUSO (PF)..... SCREW (AP).....	96906	2	C	
46	31880	..TERMINAL..... TERMINAL.....	00779	1	C	
48	312-12749-001	..PERFIL L..... PROFILE L.....	S4956	2	C	
49	H14-04	..PORCA (PF)..... NUT (AP).....	15653	2	C	
50	AN960-3L	..ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4	C	
51	MS51957-17	..PARAFUSO CABECA ABAULADA (PF)..... SCREW,TRUSS HEAD (AP).....	96906	2	C	
52	MS35489-1	..ILHOS BOR NBR..... GROMMET.....	S4956	4	C	
53	312-12748-001	..SUPORTE (PRE MOD BS 312-33-0010)..... SUPPORT (PRE MOD SB 312-33-0010).....		1	C	
	312-15282-001	..SUPPORT ASSY,FORMATION LIGHT (LH) (POS MOD B S 312-33-0010)..... SUPPORT ASSY,FORMATION LIGHT (LH) (POST MOD SB 312-33-0010).....	S4956	1		
54	MS35206-227	..PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW,PAN HEAD, CROSS REC, STEEL (AP).....	96906	2	C	
55	AN960-6L	..ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	2	C	
56		..PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (V EJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION ( SEE CHAPTER 39).....		REF		
<p>EFETIVIDADES USAGE CODE LIST                      A AVIOES 312045 A 312052 (PRE MOD BS 312-033-0004)                      A AIRCRAFT 312045 THRU 312052 (PRE MOD SB 312-033-0004)                      B AVIOES 312045 A 312052 (POS MOD BS 312-033-0004),                      312006 A 312044, 312054 A 312282                      B AIRCRAFT 312045 THRU 312052 (POST MOD SB 312-033-0004                      ), 312006 THRU 312044, 312054 THRU 312282                      C AVIOES 312045 A 312052 (POS MOD BS 312-033-0004),                      312006 A 312044, 312054 E SEGUINTE                      C AIRCRAFT 312045 THRU 312052 (POST MOD SB 312-033-0004                      ), 312006 THRU 312044, 312054 AND ON</p>						

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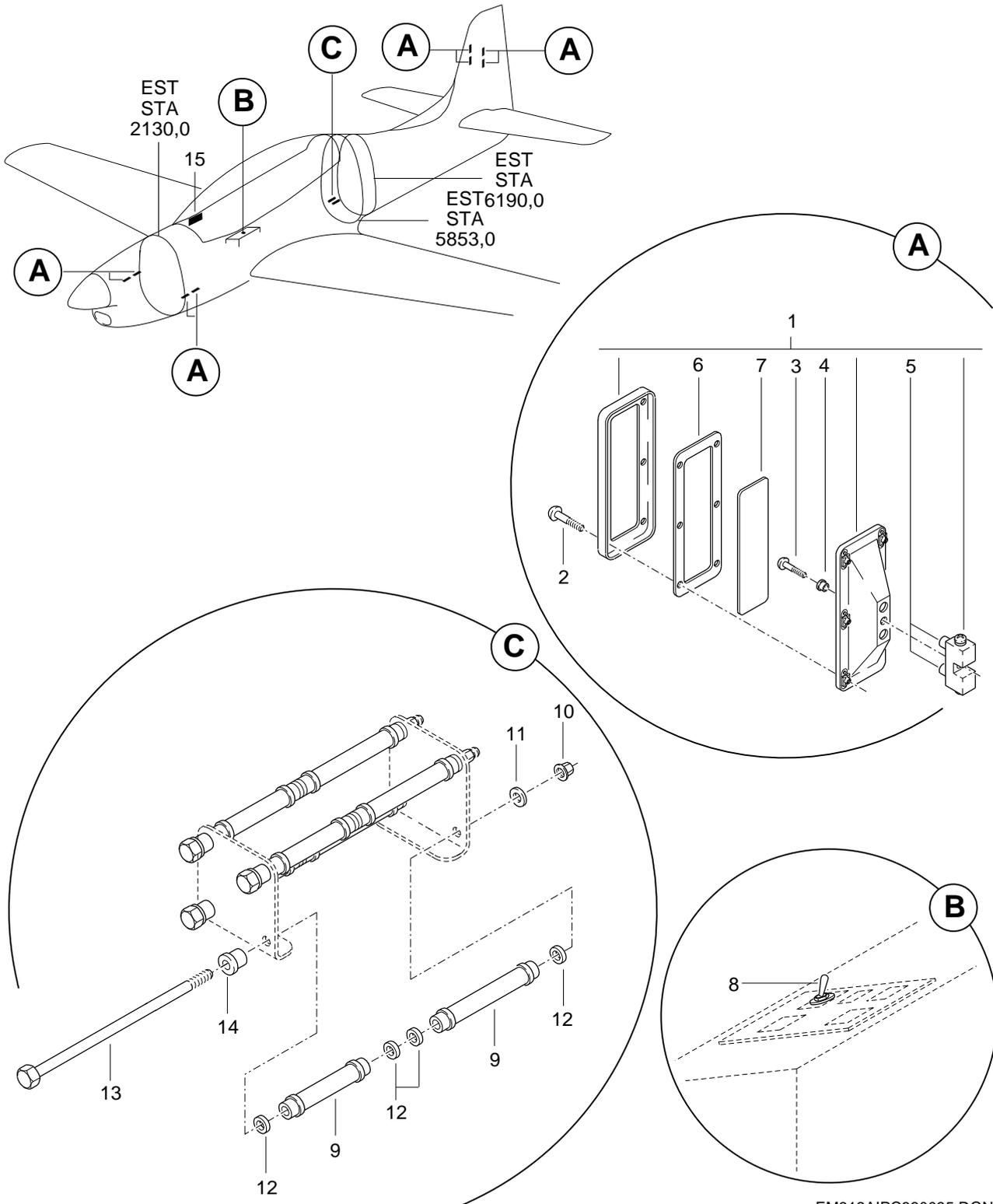


FIGURA 01. LUZES DE FORMACAO INSTL  
FIGURE 01. FORMATION LIGHTS INSTL

**33-40-02**

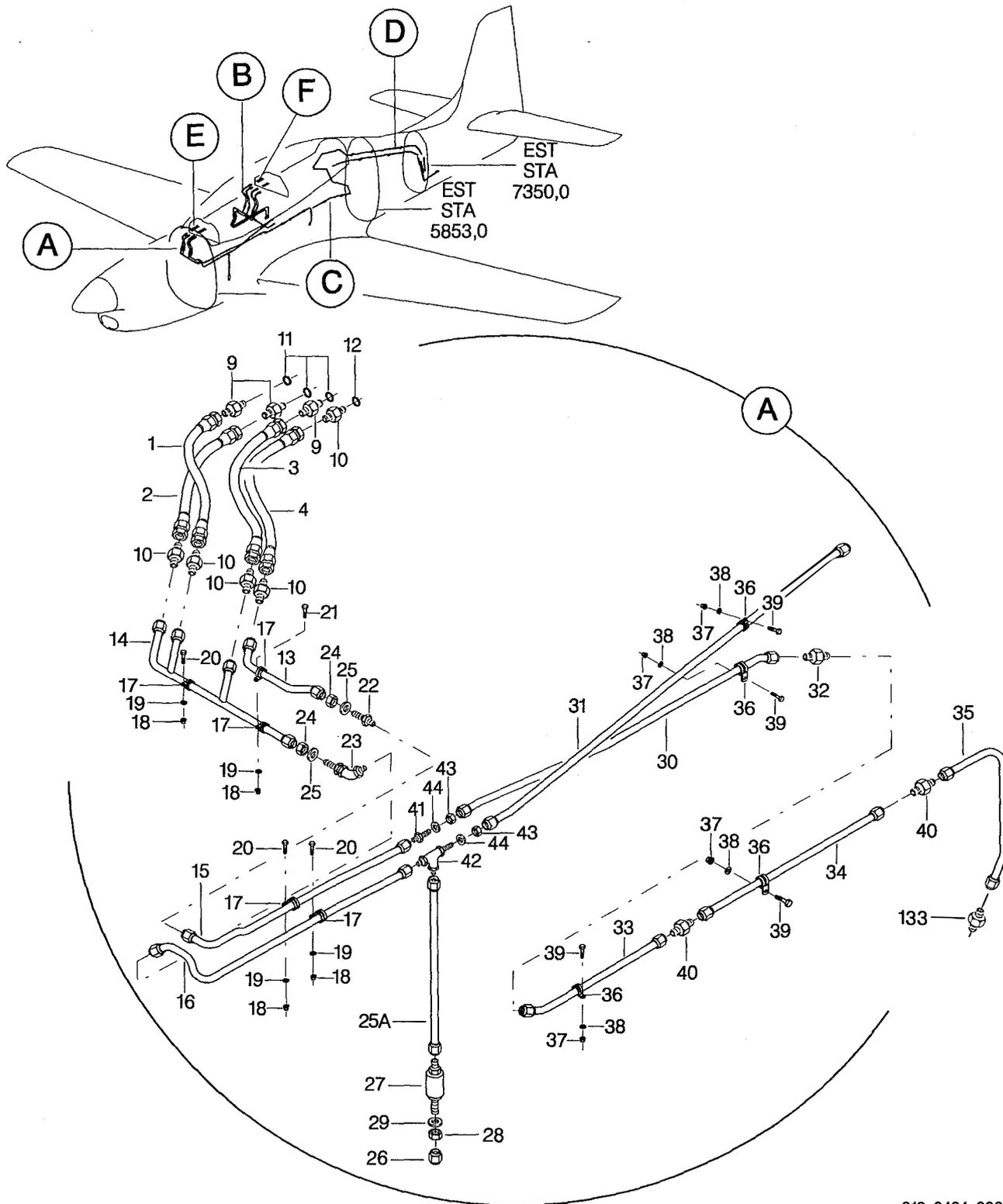
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REVISÃO 9  
CHANGE 9

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		LUZES DE FORMACAO INSTL .....		REF		
1	312-11095-001	FORMATION LIGHTS INSTL .....	001JK	8	A	
		.LUZ DE FORMACAO CONJ (AVD PN 30-1618-7) (DS0090, DS0091, DS0092, DS0093, DS0094, DS0095, DS0096, DS0097) .....				
		LIGHT ASSY, FORMATION (A/F PN 30-1618-7) (DS0090, DS0091, DS0092, DS0093, DS0094, DS0095, DS0096, DS0097) .....				
	312-11095-501	.LUZ DE FORMACAO CONJ (DS0107, DS0108, DS0109,DS0110, DS0111 , DS0112, DS0113, DS0114) .....	001JK	8	B	
		LIGHT ASSY, FORMATION (DS0107, DS0108, DS0109,DS0110, DS0111, DS0112, DS0113, DS0114) .....				
	312-11095-503	.LUZ DE FORMACAO CONJ (DS0134, DS0135, DS0136,DS0137, DS0138, DS0139, DS0140, DS0141) .....	001JK	8	C	
		LIGHT ASSY, FORMATION (DS0134, DS0135, DS0136, DS0137, DS0138, DS0139, DS0140, DS0141) .....				
2	MS24693-S30	.PARAFUSO ACESSO SIST OXIGENIO-KIT (PF).....	96906	6		
3	MS35206-328	SCREW (AP) .....	96906	1		
4	312-11094-001	.BUCHA.....	001JK	1		
		BUSHING .....				
5	MS25231-316	.LAMPADA.....	96906	2		
		LAMP 6V .....				
6	312-09757-001	.JUNTA DE VEDACAO .....	001JK	1		
		PACKING .....				
7	312-12783-001	.LENTE (INTERC SENTIDO UNICO COM P/N 12469-1) .....	001JK	1		
		LENS (ONE-WAY INTERCH WITH P/N 12469- 1) .....				
	12469-1	.LENTE.....	72914	1		
		LENS .....				
8	MS27407-4	.INTERRUPTOR (S0034) .....	96906	1		
		SWITCH, TOGGLE (S0034) .....				
9	PE95107-27R0K	.RESISTOR (R0063, R0064, R0065, R0066, R0067,R0068, R0069, R0070) .....	001JK	8	D	
		RESISTOR (R0063, R0064, R0065, R0066, R0067,R0068, R0069, R0070) .....				
	PE95107-22R0K	.RESISTOR (R0037, R0038, R0039, R0040, R0058,R0059, R0060, R0061) .....	001JK	8	E	
		RESISTOR (R0037, R0038, R0039, R0040, R0058,R0059, R0060, R0061) .....				
10	MS21042L3	.PORCA (PF) .....	96906	4	D,E	
		NUT (AP) .....				
11	AN960D10	.ARRUELA (PF) .....		4		
		WASHER (AP) .....				
12	312-10643-001	.ARRUELA (PF).....	001JK	16		
		WASHER (AP) .....				
13	AN3-73A	.PINO ROSCADO (PF) .....	88044	4		
		BOLT (AP) .....				
14	PE64009-15P	.BUCHA.....	001JK	4		
		BUSHING .....				
	120-25614-001	.LAMINA CALIBRADA .....	001JK	8	343999	
		WASHER, ADJUSTING .....				
15		.PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (VEJA CAP 39) .....		REF		
		RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39) .....				

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		<p>EFETIVIDADES USAGE CODE LIST</p> <p>A AVIOES 312006 A 312087, 312145 E SEGUINTES P/ MODELO EMB312A(A) 312148 A 312332 P/ MODELO EMB312A(R) E EMB312A(H)</p> <p>A AIRCRAFT 312006 THRU 312087, 312145 AND ON FOR MODEL EMB312A(A) 3 12148 THRU 312332 FOR MODEL EMB312A(R) AND EMB312A(H)</p> <p>B AVIOES 312088 A 312144 P/ MODELO EMB312A(A)</p> <p>B AIRCRAFT 312088 THRU 312144 FOR MODEL EMB312A(A)</p> <p>C AVIOES 312333 E SEGUINTES P/ MODELO EMB312A(R)</p> <p>C AIRCRAFT 312333 AND ON FOR MODEL EMB312A(R)</p> <p>D AVIOES 312006 A 312008, 312010, 312016 A 312030, 312032, 312034 A 312082, 312084,312085,312090, 312098, 312099,312105 A 312119, 312122 A 312134(POS MOD BS 312-33-0005), 312009, 312011 A 312015, 312031, 312033, 312083, 312086 A 312089, 312091 A 312097, 312100 A 312104,312120,312121,312135 E SEGUINTES</p> <p>D AIRCRAFT 312006 THRU 312008, 312010, 312016 THRU 312030, 312032, 312034 THRU 312082, 312084,312085,312090, 312098, 312099,312105 A 312119, 312122 A 312134 (POST MOD SB 312-33-0005), 312009, 312011 THRU 3120 15, 312031,312033, 312083, 312086 THRU 312089, 312091 THRU 312097, 312100 THRU 312104,312120,312121,312135 AND ON</p> <p>E AVIOES 312006 A 312008, 312010, , 312016 A 312030, 312032, 312034 A 312082, 312084, 312-0085, 312090, 312098,312099,312105 A 312119, 312122 A 312134 (PRE- MOD BS 312-33-0005)</p> <p>E AIRCRAFT 312006 THRU 312008, 312010, 312016 THRU 312030, 312032 312034 THRU 312082, 312084, 312-0085, 312090, 312098, 312099,312105 A 312119, 312122 A 312134 (POST MOD SB 312-33-0005)</p>				



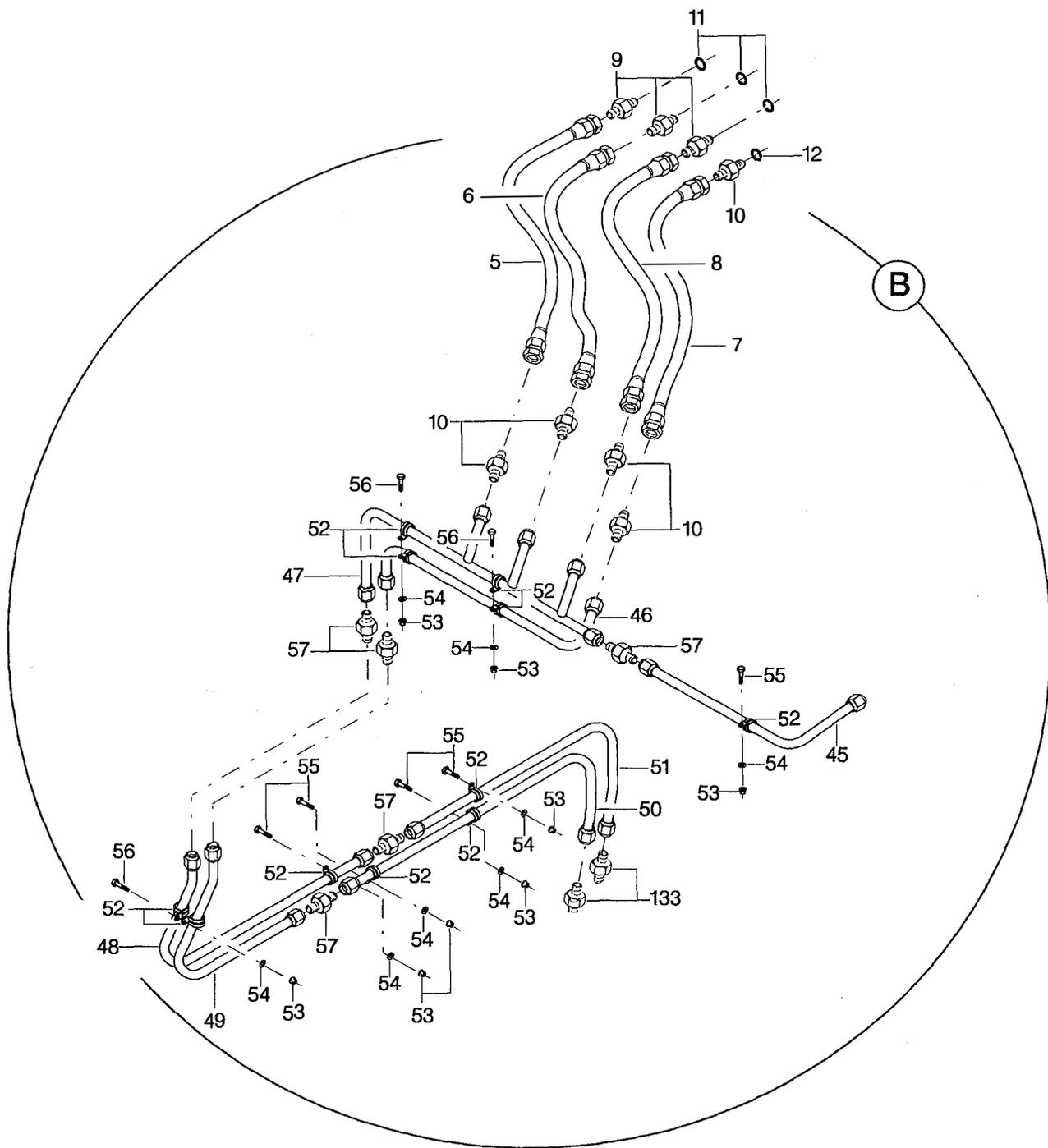


312 0434 0034

FIGURA 01. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (FOLHA 1 DE 5)  
FIGURE 01. PITOT-STATIC SYSTEM INSTL, FUSELAGE (SHEET 1 OF 5)

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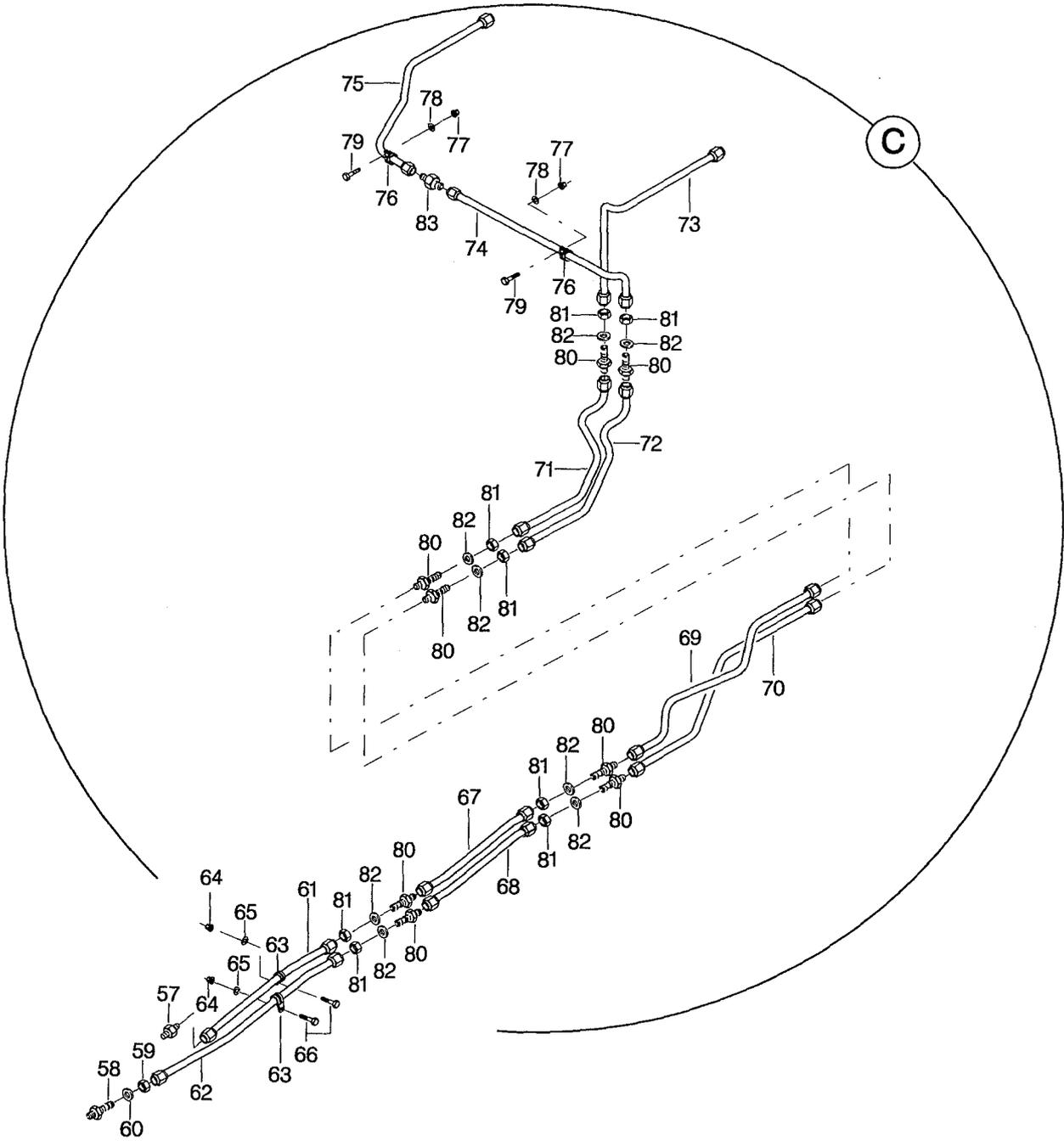


312 0434 0035

FIGURA 01. SISTEMA PITOT ESTÁTICO INSTL, FUSELAGEM (FOLHA 2 DE 5)  
 FIGURE 01. PITOT-STATIC SYSTEM INSTL, FUSELAGE (SHEET 2 OF 5)

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4-387

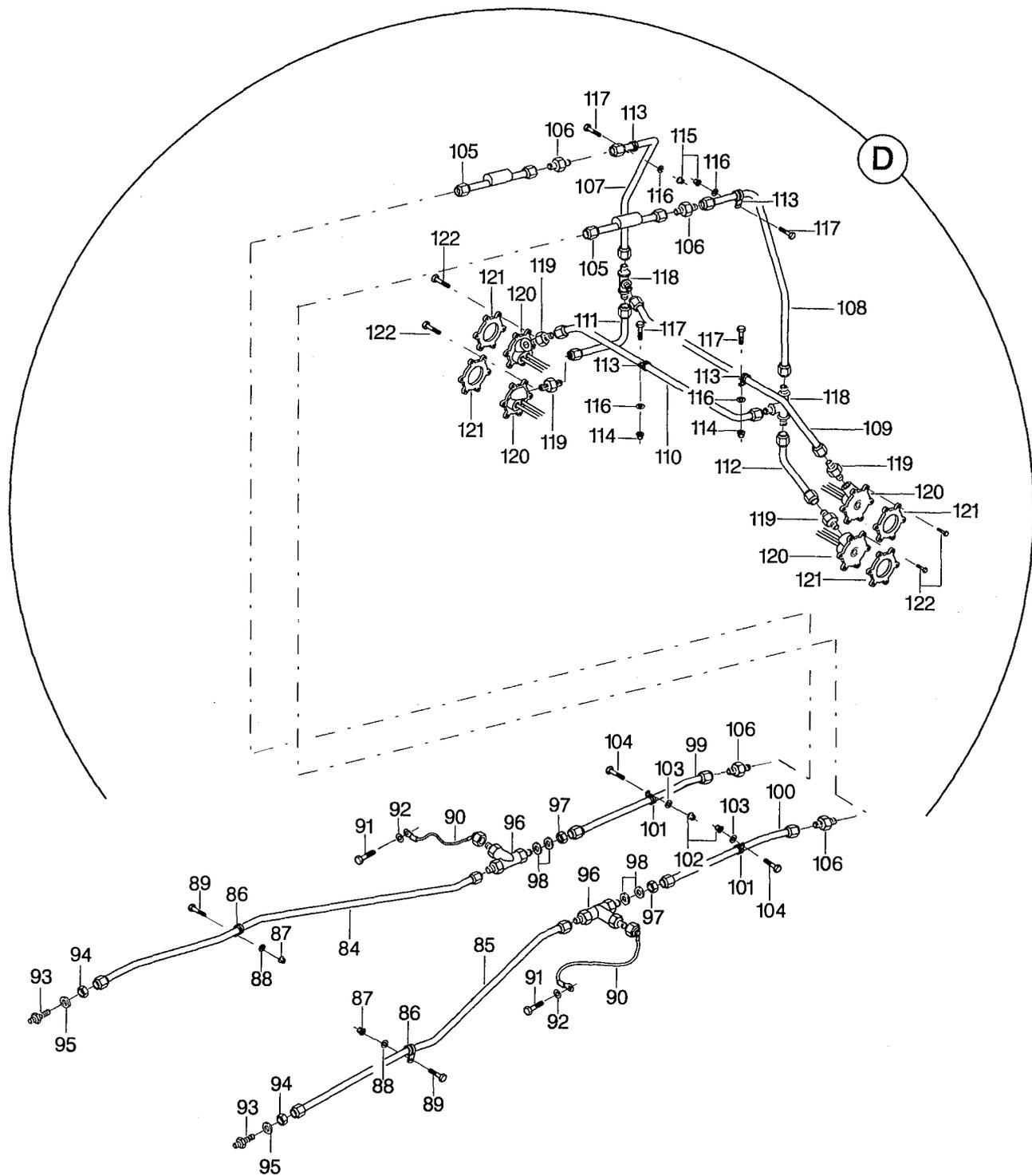


312 0434 0036

FIGURA 01. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (FOLHA 3 DE 5)  
FIGURE 01. PITOT-STATIC SYSTEM INSTL, FUSELAGE (SHEET 3 OF 5)

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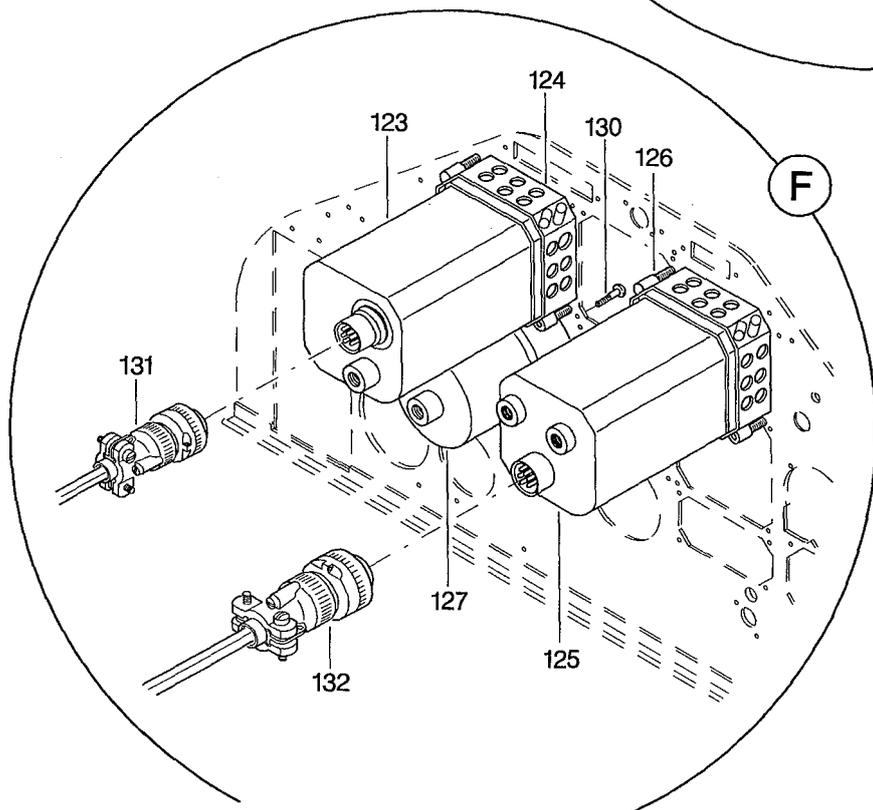
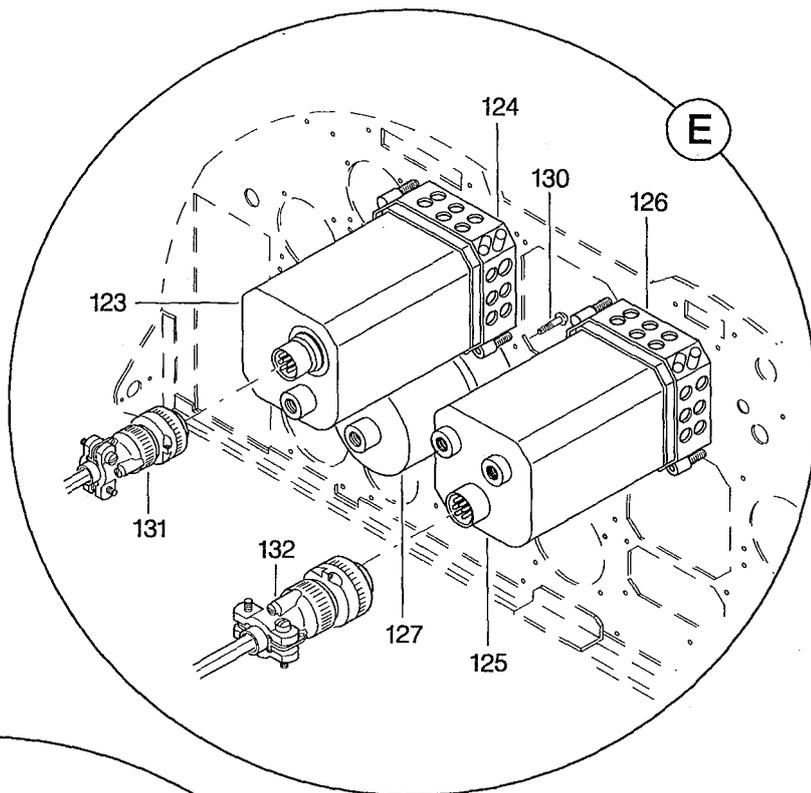


312 0434 0037

FIGURA 01. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (FOLHA 4 DE 5)  
FIGURE 01. PITOT-STATIC SYSTEM INSTL, FUSELAGE (SHEET 4 OF 5)

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312 0434 0068

FIGURA 01. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (FOLHA 5 DE 5)  
FIGURE 01. PITOT-STATIC SYSTEM INSTL, FUSELAGE (SHEET 5 OF 5)

34-10-00

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA PITOT ESTATICO INSTL, FUSELAGEM..... PITOT-STATIC SYSTEM INSTL, FUSELAGE.....		REF		
1	312-01404-001	.MANGUEIRA CONJ (PRE MOD BS 312-34-0013)..... HOSE ASSY (PRE MOD SB 312-34-0013).....	S4956	1		
	312-18230-003	.MANGUEIRA CONJ-VSI (POS MOD BS 312-34-0013)..... HOSE ASSY-VSI (POST MOD SB 312-34-0013).....	S4956	1		
2	312-01405-001	.MANGUEIRA CONJ (PRE MOD BS 312-34-0013)..... HOSE ASSY (PRE MOD SB 312-34-0013).....	S4956	1		
	312-18230-005	.MANGUEIRA CONJ-ALTIMETRO (POS MOD BS 312-34-0013)..... HOSE ASSY-ALTIMETER (POST MOD SB 312-34-0013).....	S4956	1		
3	312-01406-001	.MANGUEIRA CONJ (PRE MOD BS 312-34-0013)..... HOSE ASSY (PRE MOD SB 312-34-0013).....	S4956	1		
	312-18230-007	.MANGUEIRA CONJ-IAS (POS MOD BS 312-34-0013)..... HOSE ASSY-IAS (POST MOD SB 312-34-0013).....	S4956	1		
4	312-01403-001	.MANGUEIRA CONJ (PRE MOD BS 312-34-0013)..... HOSE ASSY (PRE MOD SB 312-34-0013).....	S4956	1		
	312-18230-001	.MANGUEIRA CONJ-IAS (POS MOD BS 312-34-0013)..... HOSE ASSY-IAS (POST MOD SB 312-34-0013).....	S4956	1		
5	312-01402-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
6	312-01401-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
7	312-01399-001	.MANGUEIRA,CONJUNTO..... HOSE ASSY.....	S4956	1		
8	312-01400-001	.MANGUEIRA CONJ..... HOSE ASSY.....	S4956	1		
9	AN919-3D	.CONEXAO REDUTORA..... REDUCER.....	88044	6		
10	MS24392D4	.CONEXAO UNIAO..... UNION, TUBE, PRECISION TYPE, AL.....	96906	10		
11	MS28778-5	.ANEL DE VEDACAO..... RING, 'O'.....	96906	6		
12	MS28778-4	.ANEL DE VEDACAO..... RING, 'O'.....	96906	2		
13	312-01396-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
14	312-01397-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
15	312-01394-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
16	312-11457-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1	E	
	312-01395-001	.TUBO CONJ (PRE MOD BS 312-034-0007)..... TUBE ASSY (PRE MOD SB 312-034-0007).....	S4956	1	006340	
17	PE27019RI4	.BRACADEIRA, ACO, AMORTECEDOR AMIANTO..... CLAMP, STEEL, ASBESTOS CUSHIONTEEL.....	S4956	5		
18	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	4		
19	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	4		
20	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	3		
21	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	1		
22	AN832-4D	.UNIAO (PRE MOD BS 312-034-0007)..... UNION, FLARED TUBE, ALUMINUM (PRE MOD SB 312-034-0007).....	88044	1	006340	
23	AS1040D0404	.CONEXAO..... FITTING.....	96906	1	E	

34-10-00

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
24	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
25	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
25 A	312-03778-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
26	AN929-4	.TAMPAO-VEDACAO PRESSAO,CONEXAO TUBO..... CAPON,FLARED TUBE,ALUMINUM.....	88044	1		
27	312-01398-001	.DRENO CONJ..... DRAIN ASSY.....	S4956	1		
28	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
29	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
30	312-01392-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
31	312-01393-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
32	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	1		
33	312-01391-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
34	312-01390-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
35	312-01389-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
36	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	4		
37	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	4		
38	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
39	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
40	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	2		
41	AN832-4D	.UNIAO..... UNION,FLARED TUBE,ALUMINUM.....	88044	1		
42	AS1033D040404	.CONEXAO,T-SIS HIDRAULICO,AL..... FITTING.....	81343	1		
43	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
44	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
45	312-01382-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
46	312-01384-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
47	312-01383-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
48	312-01386-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
49	312-01385-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
50	312-01388-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
51	312-01387-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
52	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	11		
53	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	8		
54	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	8		
55	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	5		
56	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	3		
57	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	6		
58	AN832-4D	.UNIAO..... UNION,FLARED TUBE,ALUMINUM.....	88044	1		
59	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	1		
60	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	1		
61	312-04790-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
62	312-04789-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
63	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	2		
64	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
65	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
66	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
67	312-04787-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
68	312-04788-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
69	312-08192-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
70	312-08193-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
71	312-05987-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
72	312-05986-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
73	312-05984-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
74	312-05985-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
75	312-05983-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
76	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	2		
77	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
78	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
79	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
80	AN832-4D	.UNIAO..... UNION,FLARED TUBE,ALUMINUM.....	88044	8		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
81	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	8		
82	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	8		
83	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	1		
84	312-08228-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
85	312-08226-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
86	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	2		
87	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
88	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
89	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
90	4A-810-10-03	.TAMPAO CONJ..... PLUG ASSY.....	S4956	2		
91	MS51957-15	.PARAFUSO CABECA ABAULADA CILINDRICA (PF)..... SCREW,PAN HEAD,CROSS RECESSED,CRES (AP).....	96906	2		
92	NAS1149DN432H	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	80205	2		
93	AN832-4D	.UNIAO..... UNION,FLARED TUBE,ALUMINUM.....	88044	2		
94	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
95	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
96	AS1033D040404	.CONEXAO,T-SIS HIDRAULICO,AL..... FITTING.....	81343	2		
97	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	2		
98	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	2		
99	312-08227-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
100	312-08225-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
101	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	4		
102	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
103	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
104	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
105	110-810-10-10	.CILINDRO AMORTECEDOR..... CYLINDER, DAMPENING.....	S4956	2		
106	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	4		
107	312-05867-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
108	312-05868-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
109	312-01364-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
110	312-01366-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
111	312-01363-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
112	312-01365-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
113	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	4		
114	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
115	MS21059L3	.PORCA (PF)..... NUT (AP).....	96906	2		
116	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	4		
117	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	4		
118	AS1035D040404	.CONEXAO-SIS HIDRAULICO,AL..... FITTING.....	81343	2		
119	AN816-4-4D	.ADAPTADOR RETO-FLANGE,TUBO,AL..... ADAPTER.....	88044	4		
120	ST300-2PT	.TOMADA ESTATICA AQUECIDA (HR3, HR4, HR5, HR6)... PORT, STATIC (HR3, HR4, HR5, HR6).....	70134	4		
121	312-01409-001	.ANEL..... GASKET.....	S4956	4		
122	MS24693C227	.PARAFUSO CAB ESC.FENDA CRUZ,INOX (PF)..... SCREW (AP).....	96906	24		
123	64111-307-1	.ALTIMETRO (M0016)..... ALTIMETER (M0016).....	F9111	1	006190	
	64111-308-1	.ALTIMETRO (INTERC COM PN 64111-308-1 MOD.B) ( M0067)..... ALTIMETER (INTERCH WITH PN 64111-308-1 MOD.B) (M0067).....	F9111	1	191397	
	64111-308-1 MOD.B	.ALTIMETRO (M0117)..... ALTIMETER (M0117).....	F9111	1	398999	
	64111-995-1	.ALTIMETRO (A0114)..... ALTIMETER (A0114).....	F9111	1	006190	
	64111-999-1	.ALTIMETRO (INTERC COM PN 64111-999-1 MOD.B) ( A0641)..... ALTIMETER (INTERCH WITH PN 64111-999-1 MOD.B) (A0641).....	F9111	1	191397	
	64111-999-1 MOD.B	.ALTM NAO CODIFICADOR (A0737)..... ALTIMETER, SENSITIVE (A0737).....	F9111	1	398999	
124	123-3232-F	.BRACADEIRA (PF)..... CLAMP (AP).....	28277	2		
125	39948-B0501	.VELOCIMETRO (M0014)..... AIR SPEED INDICATOR (M0014).....	03025	1	A	
125 A	532-35348-501 MOD.D	.VELOCIMETRO (M0015)..... AIR SPEED INDICATOR (M0015).....	03025	1	C	
	39948-B0501	.VELOCIMETRO (M0028)..... AIR SPEED INDICATOR (M0028).....	03025	1	B	
	39948-B0501	.VELOCIMETRO (M0015)..... AIR SPEED INDICATOR (M0015).....	03025	1	D	
	39948-B0501	.VELOCIMETRO (M0029)..... AIR SPEED INDICATOR (M0029).....	03025	1	B	
126	123-3232-F	.BRACADEIRA (PF)..... CLAMP (AP).....	28277	2		
127	PW1103KRA/1	.VARIOMETRO..... INDICATOR, VERTICAL SPEED.....	K5294	2		

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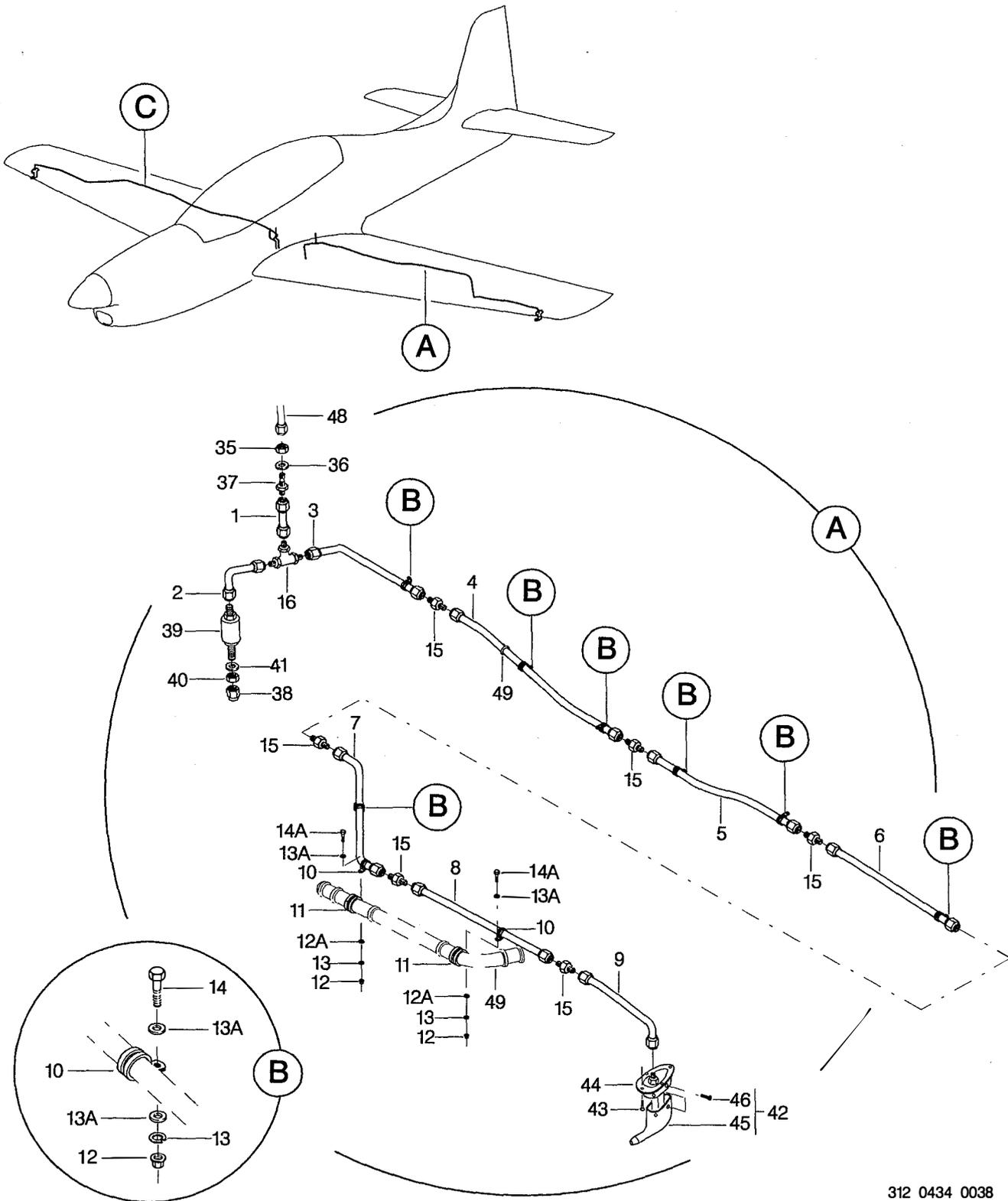
4-395

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
	MS33737-11	.PORCA (PF).....	96906	3		
	MS35206-233	NUT (AP).....				
		.PARAFUSO (PF).....	96906	2		
		SCREW (AP).....				
130	MS24693-S32	.PARAFUSO (PF).....	96906	2		
		SCREW (AP).....				
131	MS3116E14-19S	.CONECTOR (P0107).....	96906	1		
		CONNECTOR (P0107).....				
	MS3116E10-6S	.CONECTOR (P0187).....	96906	1		
		CONNECTOR (P0187).....				
132	MS3126F12-8S	.CONECTOR (P95, P96).....	96906	2		
		CONNECTOR (P95, P96).....				
133		. SISTEMA PITOT ESTATICO INSTL, ASA (VEJA FIG 34-10-01-01).....		REF		
		PITOT-STATIC SYSTEM INSTL, WING (SEE FIG 34-10 -01-01).....				
6377	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO.....	S4956	2		
		CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....				
8087	AN832-4D	.UNIAO.....	88044	8		
		UNION,FLARED TUBE,ALUMINUM.....				
		EFETIVIDADES USAGE CODE LIST A EMB312A(A), EMB312A(V) E EMB312A(R) A EMB312A(A), EMB312A(V) AND EMB312A(R) B EMB312A(H) B EMB312A(H) C AVIOES 312006 A 312016 P/ MODELO EMB312A(A) C AIRCRAFT 312006 THRU 312016 FOR MODEL EMB312A(A) D AVIOES 312017 E SEGUINTE P/ MODELO EMB312A(A), EMB31 2A(V) E EMB312A(R) D AIRCRAFT 312017 AND ON FOR MODEL EMB312A(A), EMB312A( V) AND EMB312A(R) E AVIOES 312006 A 312340 (POS MOD BS 312-034-0007), 312 341 E SEGUINTE E AIRCRAFT 312006 THRU 312340 (POST MOD SB 312-034-0007 , 312341 AND ON				

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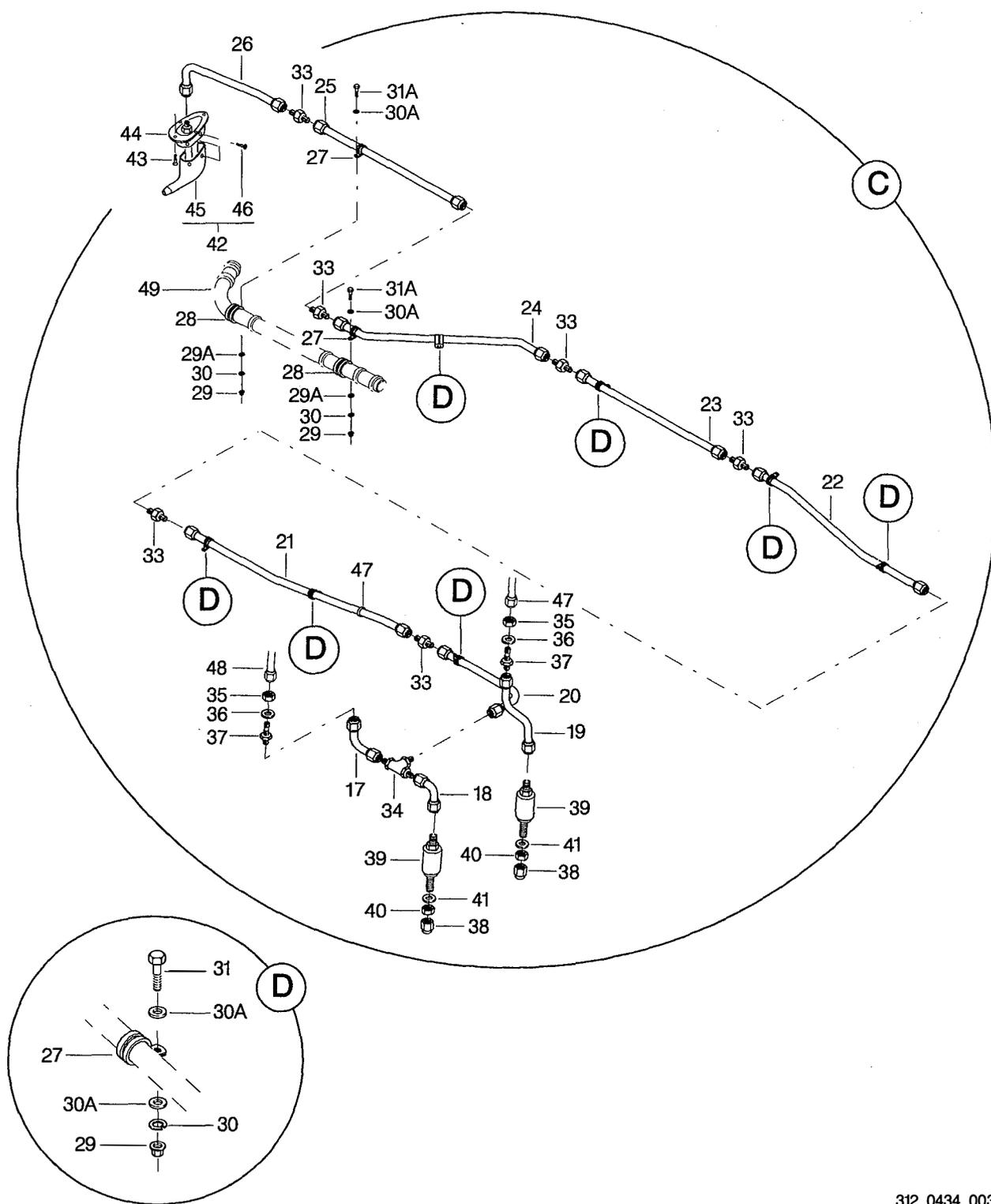


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FIGURA 01. SISTEMA PITOT ESTATICO INSTL, ASA (FOLHA 1 DE 2)  
FIGURE 01. PITOT-STATIC SYSTEM INSTL, WING (SHEET 1 OF 2)

**34-10-01**

(4-397 em branco/blank)/4-398



312 0434 0039

FIGURA 01. SISTEMA PITOT ESTATICO INSTL, ASA (FOLHA 2 DE 2)  
 FIGURE 01. PITOT-STATIC SYSTEM INSTL, WING (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA PITOT ESTATICO INSTL, ASA..... PITOT-STATIC SYSTEM INSTL, WING.....		REF		
1	312-01977-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	312-09985-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
3	312-09984-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
4	312-01974-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
4 A	MS35489-10	.ILHOS BOR NBR..... GROMMET,NBR RUB.....	96906	1		
5	312-01973-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
6	312-01972-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
7	312-04528-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
8	312-04527-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
9	312-04526-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
10	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	9		
11	PE27019RI16	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	2		
12	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	9		
12 A	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
13	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	9		
13 A	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	9		
14	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	7		
14 A	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
15	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	6		
16	AS1035D040404	.CONEXAO-SIS HIDRAULICO,AL..... FITTING.....	81343	1		
17	312-09999-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
18	312-10000-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
19	312-10001-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
20	312-09986-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
21	312-01981-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
21 A	MS35489-10	.ILHOS BOR NBR..... GROMMET,NBR RUB.....	96906	1		
22	312-01980-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
23	312-01979-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
24	312-04531-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		

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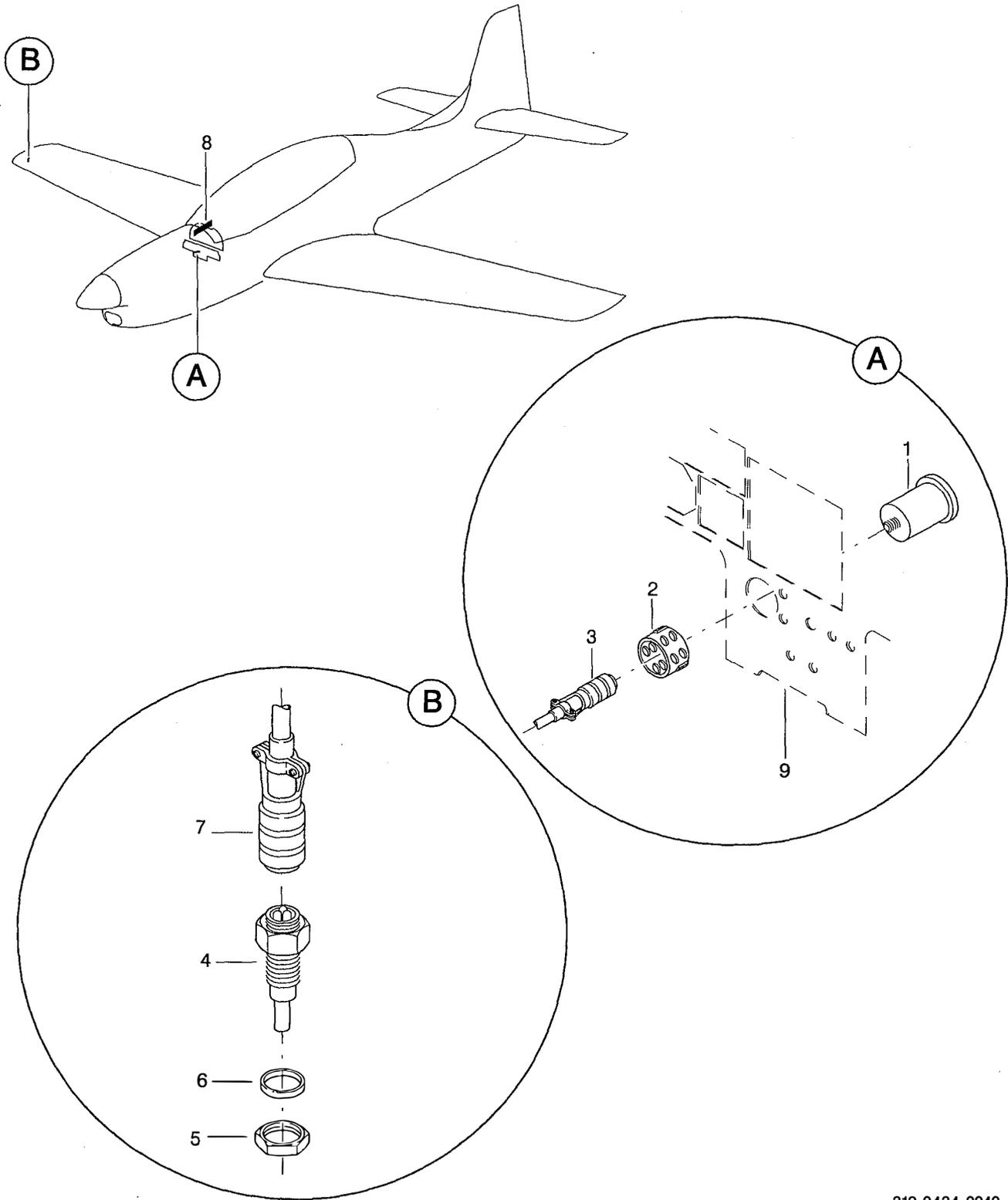
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
25	312-04530-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
26	312-04529-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
27	PE27019RI4	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	9		
28	PE27019RI16	.BRACADEIRA,ACO,AMORTECEDOR AMIANTO..... CLAMP,STEEL,ASBESTOS CUSHIONTEEL.....	S4956	2		
29	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	9		
29 A	AN960-10L	.ARRUELA (PF)..... WASHER,FLAT (AP).....	88044	2		
30	MS35338-43	.ARRUELA (PF)..... WASHER (AP).....	96906	9		
30 A	NAS1197-10L	.ARRUELA (PF)..... WASHER (AP).....	80205	16		
31	AN3-3A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	7		
31 A	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		
33	MS24392D4	.CONEXAO UNIAO..... UNION,TUBE,PRECISION TYPE,AL.....	96906	6		
34	AS1035D040404	.CONEXAO-SIS HIDRAULICO,AL..... FITTING.....	81343	1		
35	AN924-4D	.PORCA SEXTAVADA PLANA..... NUT.....	88044	3		
36	AN960-716L	.ARRUELA PLANA,ACO..... WASHER.....	88044	3		
37	AN832-4D	.UNIAO..... UNION,FLARED TUBE,ALUMINUM.....	88044	3		
38	AN929-4	.TAMPAO-VEDACAO PRESSAO,CONEXAO TUBO..... CAPON,FLARED TUBE,ALUMINUM.....	88044	3		
39	312-01398-001	.DRENO CONJ..... DRAIN ASSY.....	S4956	3	005224	
	312-12655-001	.DRENO-SIST ANEMOMETRICO..... DRAIN ASSY,ANEMOMETER SYSTEM.....	S4956	3	225999	
40	AN924-4D	.PORCA SEXTAVADA PLANA (PF)..... NUT (AP).....	88044	3		
41	AN960-716L	.ARRUELA PLANA,ACO (PF)..... WASHER (AP).....	88044	3		
42	312-01411-001	.TUBO CONJ (HR1, HR2)..... TUBE ASSY (HR1, HR2).....	S4956	2		
43	MS24693C49	.PARAFUSO (PF)..... SCREW (AP).....	96906	8		
44	312-01986-001	..SUPORTE..... SUPPORT.....	S4956	2		
45	AN5812-1	..TUBO PITOT SEM CONECTOR ELETRICO..... TUBE, PITOT.....	88044	2		
46	312-01411-003	..PARAFUSO (PF)..... SCREW (AP).....	S4956	8		
47	MS35489-10	..ILHOS BOR NBR..... GROMMET,NBR RUB.....	96906	2		
48		.. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (VEJ A FIG 34-10-00-01)..... PITOT-STATIC SYSTEM INSTL, FUSELAGE (SEE FIG 3 4-10-00-01).....			REF	
49		.. SUSPIRO DO TANQUE COMBUSTIVEL INSTL (VEJA CA P 28).....			REF	

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		FUEL TANK VENT SYSTEM INSTL (SEE CHAPTER 28)...				

**34-10-01**

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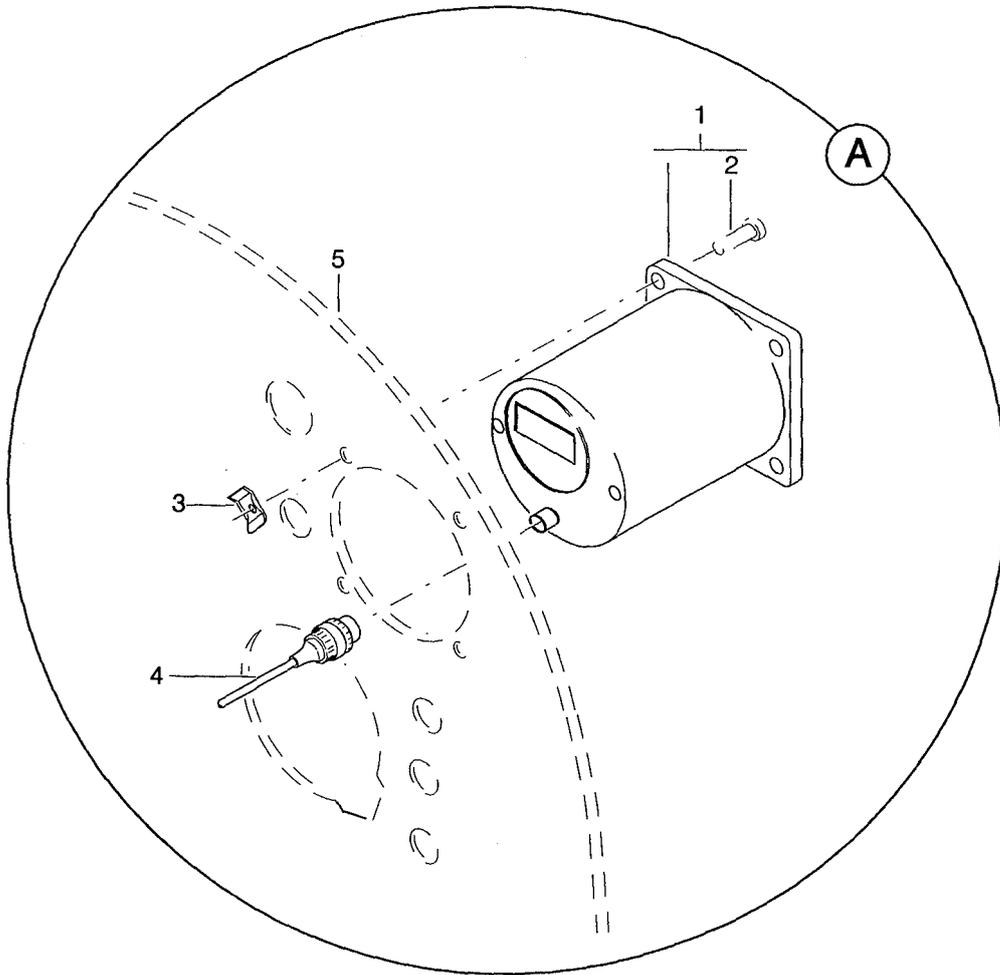
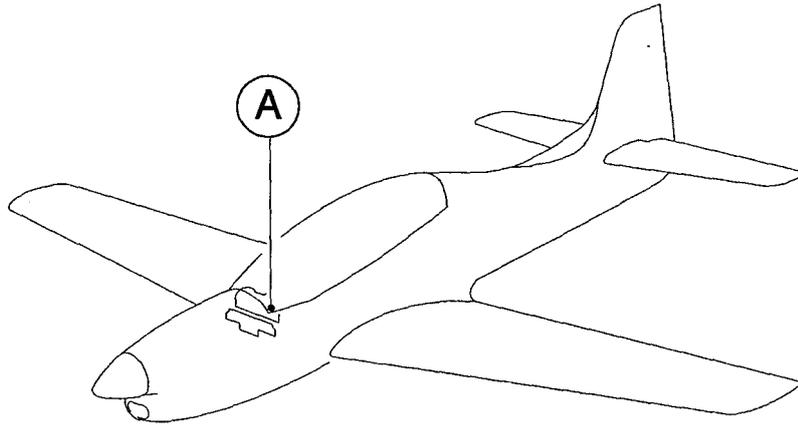
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FIGURA 01. INDICACAO DE TEMPERATURA EXTERNA DO AR INSTL  
FIGURE 01. OUTSIDE AIR TEMPERATURE INDICATING SYSTEM INSTL

**34-10-02**

(4-403 em branco/blank)/4-404

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		INDICACAO DE TEMPERATURA EXTERNA DO AR INSTL OUTSIDE AIR TEMPERATURE INDICATING SYSTEM INST		REF		
1	162C615	.INDICADOR, TAE (M0034)..... INDICATOR, OAT (M0034).....	35918	1	A	
	162C620	.INDICADOR, TAE (M0045)..... INDICATOR, OAT (M0045).....	35918	1	B	
2	PE94009-1	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	1		
3	MS3106F14S2S	.CONECTOR (P4)..... CONNECTOR (P4).....	96906	1		
4	MS28034-3	.SENSOR DE TEMPERATURA DE OLEO (RT1)..... BULB, OIL TEMPERATURE SENSING (RT1).....	96906	1		
5	AN316-7R	.PORCA (PF)..... NUT (AP).....	88044	1		
6	AN960-716	.ARRUELA PLANA (PF)..... WASHER (AP).....	88044	1		
7	MS3106F12S-3S	.CONECTOR (P3)..... CONNECTOR (P3).....	96906	1		
8		. PAINEL LATERAL DIREITO INSTL, POSTO DIANTEIR O (VEJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION ( SEE CHAPTER 39).....		REF		
9		. PAINEL PRINCIPAL INSTL, POSTO DIANTEIRO (VEJ A CAP 39)..... MAIN PANEL INSTL, FRONT FLIGHT STATION (SEE CH APTER 39).....		REF		
EFETIVIDADES USAGE CODE LIST A EMB312A(A) A EMB312A(A) B EMB312A(H) E EMB312A(R) B EMB312A(H) AND EMB312A(R)						



312 0434 0041

FIGURA 01. BUSSOLA MAGNETICA INSTL  
FIGURE 01. MAGNETIC COMPASS INSTL

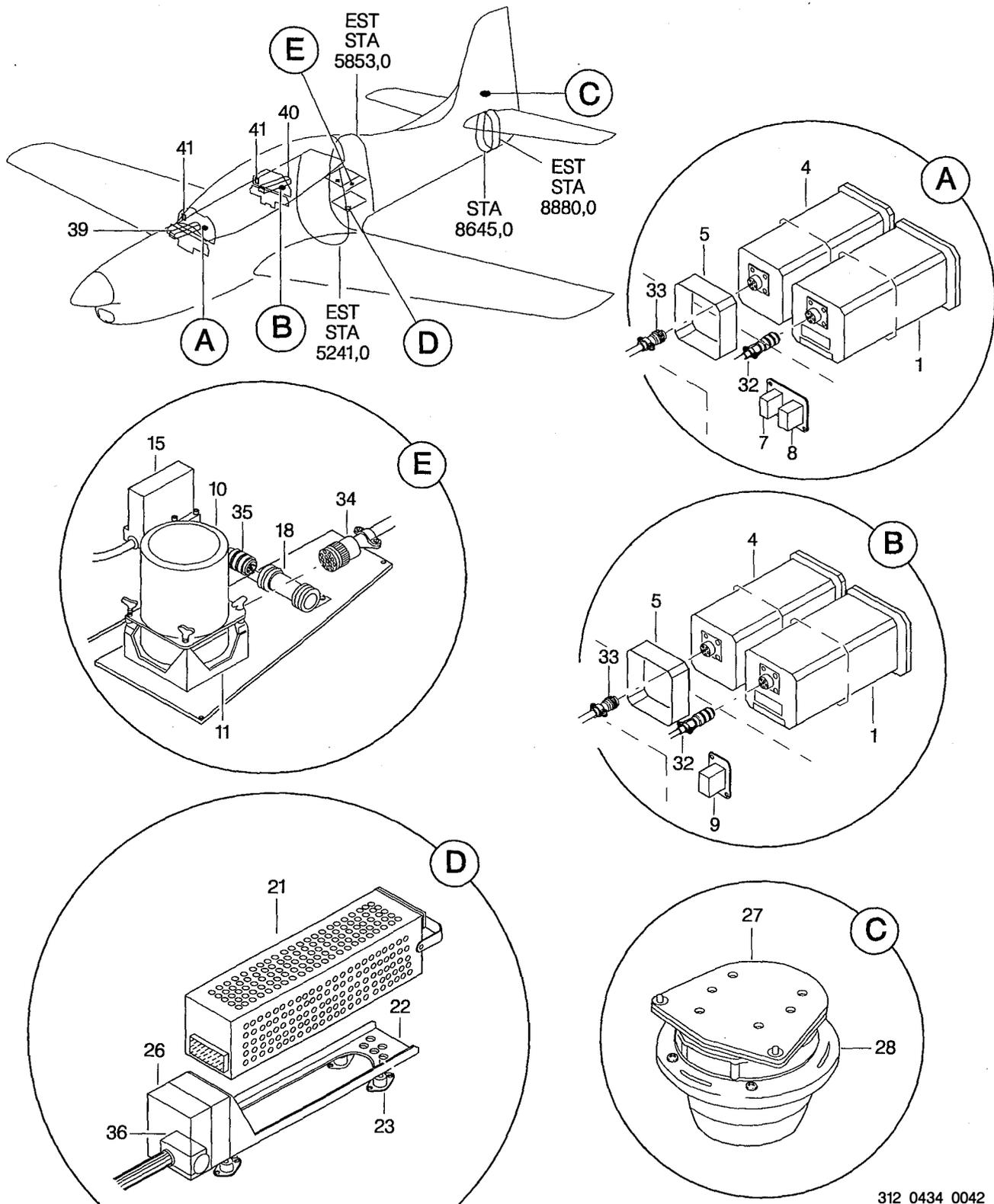
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		BUSSOLA MAGNETICA INSTL..... MAGNETIC COMPASS INSTL.....		REF		
1	C-5D	.BUSSOLA (A145)..... COMPASS, MAGNETIC (A145).....	61349	1		
2		. (P/N=HWS-0020 F/C P/N=C-5D)..... (P/N=HWS-0020 SW P/N=C-5D).....		REF		
3	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	4		
4	AN3116-2	.CONECTOR ELETRICO MOVEL (P207)..... ELECTRICAL CONNECTOR PLUG (P207).....	88044	1		
5		. PAINEL PRINCIPAL INSTL, POSTO DIANTEIRO (VEJ A CAP 39)..... MAIN PANEL INSTL, FWD FLIGHT STATION (SEE CHAP TER 39).....		REF		

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FIGURA 01. BUSSOLA GIROMAGNETICA INSTL  
 FIGURE 01. GYROMAGNETIC COMPASS INSTL

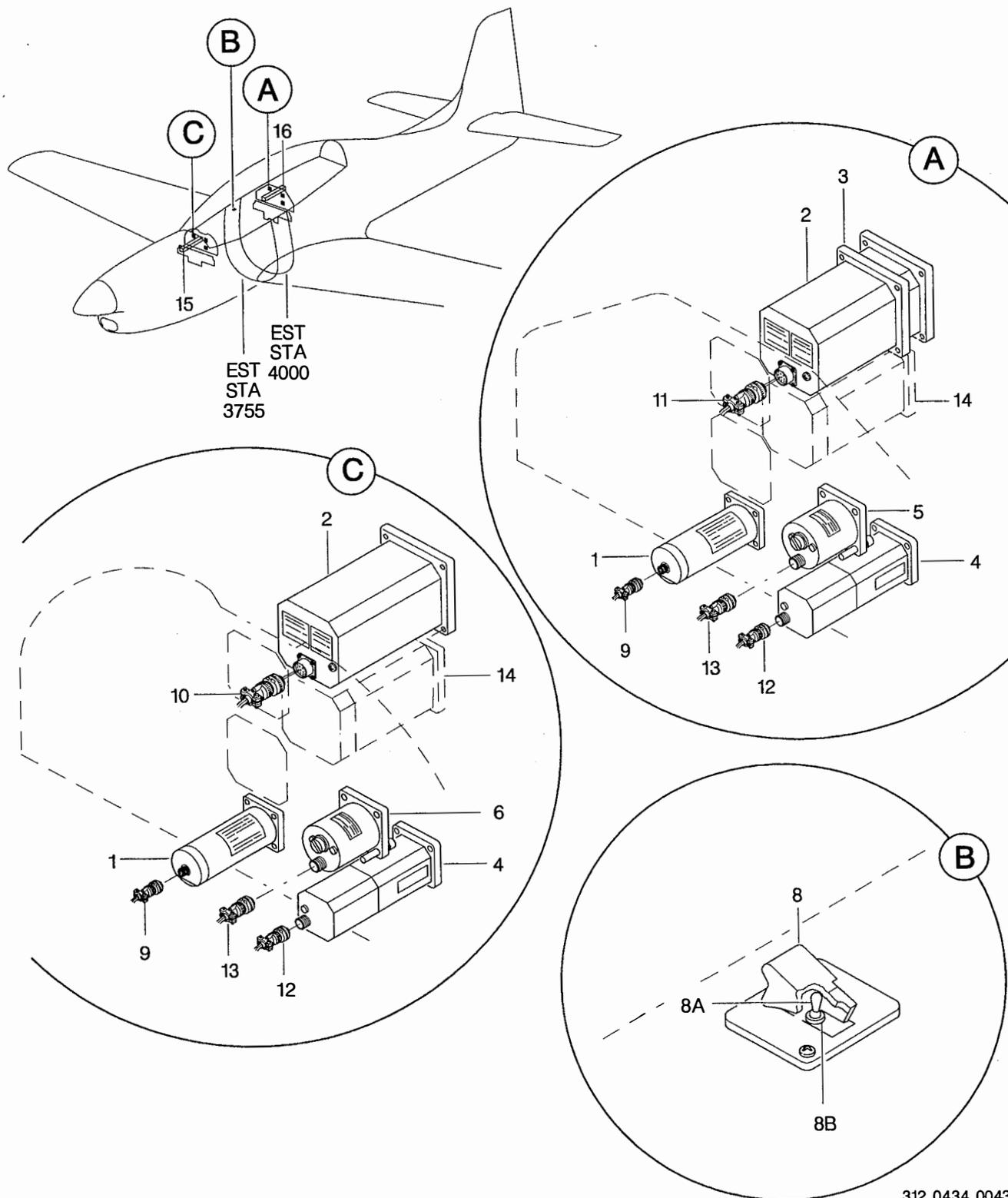
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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		BUSSOLA GIROMAGNETICA IN8TL .....		REF		
1	3115LB6-3E	GYROMAGNETIC COMPASS INSTL.....				
		.INDICADOR RMI (A91 , A92).....	33372	2		
	MS33737-11	INDICATOR,RMI (A91, A92) .....				
		.PORCA (PF).....	96906	8		
	MS35206-231	NUT (AP) .....				
		.PARAFUSO (PF) .....	96906	8		
		SCREW (AP) .....				
4	522-2638-006	.INDICADOR DE CURSO (331A-3G) (A90, A93).....	13499	2		
		INDICATOR, COURSE (331A-3G) (A90, A93) .....				
5	123-3232-F	.BRACADEIRA (PF).....	28277	2		
		CLAMP (AP) .....				
7	MS24524-31	.INTERRUPTOR (S88) .....	96906	1		
		SWITCH, TOGGLE (S88) .....				
8	MS24523-27	.INTERRUPTOR (S87) .....	96906	1		
		SWITCH, TOGGLE (S87) .....				
9	MS24523-30	.INTERRUPTOR (S89) .....	96906	1		
		SWITCH, TOGGLE (S89) .....				
10	522-3241-000	.GIRO DIRECIONAL (332E-4) (MP1).....	13499	1		
		DIRECTIONAL GYRO (332E-4) (MP1) .....				
11	522-0240-003	.AMORTECEDOR.....	13499	1		
		BASE, MOUNTING .....				
	AN960D10	.ARRUELA PLANA (PF).....	88044	4		
		WASHER,FLAT (AP) .....				
	MS27039-1-12	.PARAFUSO (PF) .....	96906	4		
		SCREW (AP) .....				
15	522-1400-000	.AMPLIFICADOR DE SERVO (341 C-1) (AR1) .....	13499	1		
		SERVO AMPLIFIER (341C-1) (AR1) .....				
	H14-06	.PORCA HEXAGONAL E8TRIA (PF).....	15653	4		
		NUT, SPLICE HEXAGON (AP) .....				
	AN960-6	.ARRUELA PLANA (PF).....	88044	4		
		WASHER,FLA T (AP) .....				
18	AE10003-001	.ADAPTADOR DE BANDEIRA HDG (QUANDO ESGOTAR USE PN AE10003-001 MOD.1) (A168) .....	87156	1	006358	
		ADAPTER, HOG WARNING FLAG (WHEN EXHAUSTED USE PN AE10003-001 MOD.1) (A168) .....				
	AE10003-001 MOD.1	.ADAPTADOR DE BANDEIRA HDG (A718).....	87156	1	359999	
		ADAPTER, HOG WARNING FLAG (A718) .....				
	MS21042L3	.PORCA (PF).....	96906	2		
		NUT (AP) .....				
	AN960D10	.ARRUELA (PF) .....		2		
		WASHER (AP) .....				
	MS27039-1-12	.PARAFU80 (PF).....	96906	2		
		SCREW (AP) .....				
21	522-2644-011 MOD.15	.ACOPLADOR DE BUSSOLA (328A-3G) (INTERCAMBIAVEL ONE WAY COM P/N 522-2644-011 MOD.5-13,15,16) (A0189) .COUPLER, COMPASS (328A-3G) (ONE-WAY INTERCHANGEABLE WITH P/N 522-2644-011 MOD.5- 13,15,16)(A0189) .....	13499	1	006359	
		ACOPLADOR DE BUSSOLA (328A-3G) (INTERCAMBIAVEL ONE WAY COM P/N 522-2644-011 MOD.5-13,15, 16 , 17) (A0189) .....	13499	1	006424	
		.COUPLER, COMPASS (328A-3G) (ONE-WAY INTERCHANGEABLE WITH P/N 522-2644-011 MOD.5- 13,15,16,17) (A0189) .....	13499	1	006999	
	522-2644-011 MOD.5-13,15,16,17	ACOPLADOR (A0189) .....	13499	1		
		COUPLER, COMPASS 328A-3G (A0189) .....				
22	622-1194-001	.BANDEJA (390R-18) .....	13499	1		
		TRAY (390R-18) .....				
23	200-2231-000	.AMORTECEDOR.....	13499	4		
		DAMPER .....				
	H14-06	.PORCA HEXAGONAL ESTRIA (PF).....	15653	4		
		NUT, SPLICE HEXAGON (AP) .....				
	MS24693C29	.PARAFUSO (PF) .....	96906	8		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SCREW (AP) .....				
26	621-8533-001	.PROTECAO DE CONECTOR .....	13499	1		
		CONNECTOR PROTECTION .....				
27	522-4945-001	.DETETOR DE FLUXO (323A-2G) (A94) .....	13499	1		
		VALVE, FLUX (323A-2G) (A94) .....				
28	792-6134-001	.COMPENSADOR DE DETETORDE FLUXO (323A-3G-1) .....	13499	1		
		COMPENSATOR, FLUX VALVE (323A-3G-1) .....				
	MS35214-40	.PARAFUSO (PF) .....	96906	3		
		SCREW (AP) .....				
	AN960D8	.ARRUELA PLANA (PF) .....	88044	3		
		WASHER,FLAT (AP) .....				
32	MS3126F20-41S	.CONECTOR (P98, P99) .....	96906	2		
		CONNECTOR (P98, P99) .....				
33	MS3126F22-55S	.CONECTOR (P100, P97) .....	96906	2		
		CONNECTOR (P100, P97) .....				
34	MS3106F20-33S	.CONECTOR (P101).....	96906	1		
		CONNECTOR (P101) .....				
35	MS3126F14-19S	.CONECTOR (P226) .....	96906	1		
		CONNECTOR,MOVABLE ELECTRIC (P226) .....				
36	370-2072-000	.CONECTOR (J102) .....	13499	1		
		CONNECTOR (J102) .....				
	PT06CE8-4S(SR)	.CONECTOR (P103, P104) .....	77820	2		
39		CONNECTOR,ELETRIC (P103, P104) .....			REF	
		.PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (VEJA CAP 39) .....				
40		RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39) .....			REF	
		.PAINEL LATERAL DIR INSTL, POSTO TRASEIRO (VEJA CAP 39) .....				
41		RIGHT-HAND PANEL INSTL, REAR FLIGHT STA TION (SEE CHAPTER 39) .....			REF	
		.ALARME GERAL INSTL (VEJA CAP 31) .....				
		MASTER CAUTION INSTL (SEE CHAPTER 31) .....				





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FIGURA 01. INSTRUMENTOS DE VOO INSTL  
FIGURE 01. FLIGHT INSTRUMENTS INSTL

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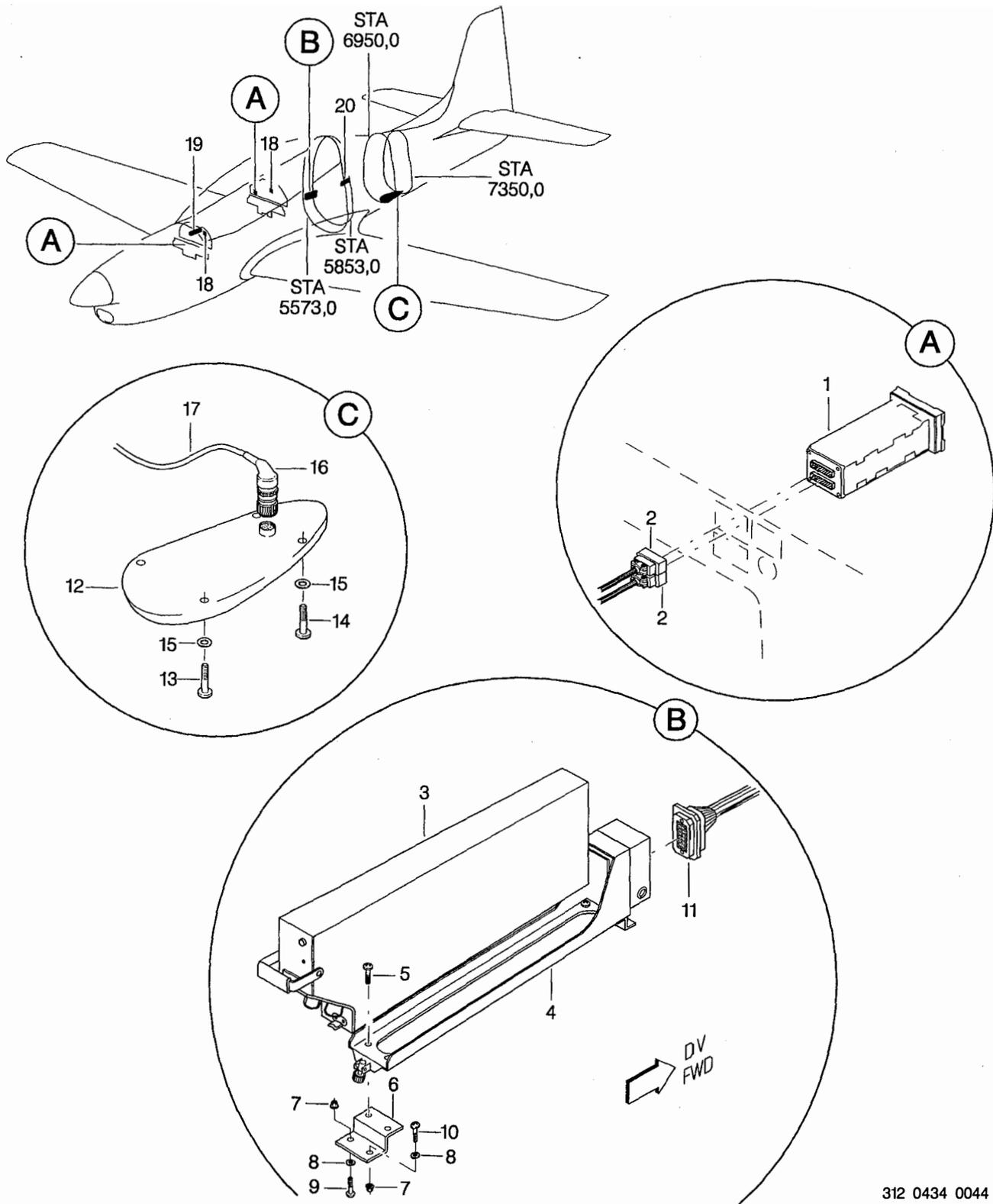
FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		INSTRUMENTOS DE VOO INSTL..... FLIGHT INSTRUMENTS INSTL.....		REF		
1	M3540-5	.INDICADOR DE CURVA E DERRAPAGEM (A108, A109)... INDICATOR, TURN & SLIP (A108, A109).....	06275	2		
	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	8		
	MS35206-233	.PARAFUSO (PF)..... SCREW (AP).....	96906	8		
2	H321AAM	.INDICADOR DE ATITUDE (A110, A111)..... INDICATOR, ATTITUDE (A110, A111).....	F9111	2	C	
	H321AAM1	.INDICADOR DE ATITUDE (A649, A650)..... INDICATOR, ATTITUDE (A649, A650).....	F9111	2	D	
	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	8		
	MS35206-234	.PARAFUSO,FENDA EM CRUZ,ACO (PF)..... SCREW (AP).....	96906	8		
3	312-08314-001	.CALCO..... SHIM.....	S4956	1		
4	501-1295-01	.GIRO-HORIZONTE DE EMERGENCIA (A112, A113)..... STANDBY ATTITUDE INDICATOR (A112, A113).....	25583	2		
	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	6		
	MS35206-233	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
5	2094-15	.ACELEROMETRO (USAR ATE FIM DE ESTOQUE, PARA R EPOSICAO USE PN 10900-1) (PRE MOD BS 312-031-0 001) (A164)..... ACCELEROMETER (WHEN EXAUSTED USE PN 10900-1) (PRE MOD SB 312-031-0001) (A164).....	24708	1	A	
	10900-1	.ACELEROMETRO (PRE MOD BS 312-031-0001) (A302).... ACCELEROMETER (PRE MOD SB 312-031-0001) (A302 ).....	00153	1	A	
	64400-520-1	.ACELEROMETRO (POS MOD BS 312-031-0001) (A504).... ACCELEROMETER (POST MOD SB 312-031-0001) (A50 4).....	F9111	1	B	
6	2094-15	.ACELEROMETRO (USAR ATE FIM DE ESTOQUE, PARA R EPOSICAO USE PN 10900-1) (PRE MOD BS 312-031-0 001) (A163)..... ACCELEROMETER (WHEN EXAUSTED USE PN 10900-1) (PRE MOD SB 312-031-0001) (A163).....	24708	1	006142	
	10900-1	.ACELEROMETRO (PRE MOD BS 312-031-0001) (A303).... ACCELEROMETER (PRE MOD SB 312-031-0001) (A303 ).....	00153	1	006142	
	64400-520-1	.ACELEROMETRO (POS MOD BS 312-031-0001) (A505).... ACCELEROMETER (POST MOD SB 312-031-0001) (A50 5).....	F9111	1	143999	
	MS33737-11	.PORCA (PF)..... NUT (AP).....	96906	6		
	MS35206-233	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
8	MS25224-1	.GUARDA P/ INTERRUPTOR..... GUARD, SWITCH.....	96906	1		
8 A	MS24523-23	.INTERRUPTOR (S109)..... SWITCH, TOGGLE (S109).....	96906	1		
8 B	PE24013-1532A	.ARRUELA P/ FRENO..... PLATE, ANCHOR.....	S4956	1		
9	MS3106F14S2S	.CONECTOR (P181, P182)..... CONNECTOR (P181, P182).....	96906	2		
10	MS3126F10-6S	.CONECTOR (P180)..... CONNECTOR (P180).....	96906	1		

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
11	312-08315-001	.CONECTOR (P179)..... CONNECTOR (P179).....	S4956	1	006007	
	KPSE08P10-6S	.CONECTOR (P257)..... CONNECTOR (P257).....	71468	1	008999	
12	JT06RE-10-5S (SR)	.CONECTOR (P185, P186)..... CONNECTOR (P185, P186).....	77820	2		
13	MS3126F8-3S	.CONECTOR (P216, P225)..... CONNECTOR (P216, P225).....	96906	2		
14		. SISTEMA PITOT ESTATICO INSTL, FUSELAGEM (VEJ A FIG 34-10-00-01)..... PITOT-STATIC SYSTEM INSTL, FUSELAGE (SEE FIG 3 4-10-00-01).....		REF		
15		. PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (V EJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION (S EE CHAPTER 39).....		REF		
16		. PAINEL LATERAL DIR INSTL, POSTO TRASEIRO (VE JA CAP 39)..... RIGHT-HAND PANEL INSTL, REAR FLIGHT STATION (S EE CHAPTER 39).....		REF		
<p>EFETIVIDADES USAGE CODE LIST</p> <p>A AVIOES 312006, 312008, 312011, 312016 A 312030, 31203 2, 312034 A 312052, 312055 A 312057, 312059, 312060, 312062 A 312064, 312066 A 312068 P/ MODELO EMB312A(A) E EMB312A(H)</p> <p>A AIRCRAFT 312006, 312008, 312011, 312016 THRU 312030, 312032, 312034 THRU 312052, 312055 THRU 312057, 31205 9, 312060, 312062 THRU 312064, 312066 THRU 312068 FOR MODEL EMB312A(A) &amp; EMB312A(H)</p> <p>B AVIOES 312009, 312010, 312012 A 312015, 312031, 31203 3, 312054, 312058, 312061, 312065, 312069 E SEGUINTE P/ MODELOS EMB312A(A), EMB312A(H)</p> <p>B AIRCRAFT 312009, 312010, 312012 THRU 312015, 312031, 312033, 312054, 312058, 312061, 312065, 312069 AND ON FOR MODELS EMB312A(A), EMB312A(H)</p> <p>C EMB312A(H) E AVIOES 312006 A 312145 E 312184 P/ MODEL O EMB312A(A)</p> <p>C EMB312A(H) &amp; AIRCRAFT 312006 THRU 312145 &amp; 312184 FOR MODEL EMB312A(A)</p> <p>D EMB312A(H) E AVIOES 312146 E SEGUINTE EXCETO 312184 P/ MODELOS EMB312A(A)</p> <p>D EMB312A(H) &amp; AIRCRAFT 312146 AND ON EXCEPT 312184 FOR MODELS EMB312A(A)</p>						

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FIGURA 01. SISTEMA ADF, INSTL  
FIGURE 01. ADF SYSTEM INSTL

34-50-00

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA ADF, INSTL..... ADF SYSTEM INSTL.....		REF		
1	622-4532-017	.PAINEL DE CONTROLE CTL-61 (A182, A183)..... CONTROL PANEL CTL-61 (A182, A183).....	13499	2	006086	
	10-622-4532-017	.PAINEL DE CONTROLE CTL-61 (INTER COM PN 622-4 532-017) (A491, A492)..... CONTROL PANEL CTL-61 (INTERCH WITH PN 622-453 2-017) (A491, A492).....	S7157	2	087999	
2	634-0058-008	.CONECTOR (P235, P236, P237, P238)..... CONNECTOR (P235, P236, P237, P238).....	13499	4		
3	622-2362-001 COM MOD. 7	.RECEPTOR (RE1)..... RECEIVER (RE1).....	13499	1	005379	
	622-2362-001 MOD.12	.RECEIVER,ADF-60A (RE27)..... RECEIVER,ADF-60A (RE27).....	13499	1	380424	
	622-2362-001 MOD.11	.RECEPTOR (RE27)..... RECEIVER (RE27).....	13499	1	425999	
4	622-1195-301	.BANDEJA..... TRAY.....	13499	1	006084	
	10-622-1195-301	.BANDEJA (INTER COM PN 622-1195-301)..... TRAY (INTERCH WITH PN 622-1195-301).....	S7157	1	085999	
5	MS24693-C50	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
6	312-02598-001	.PERFIL Z..... SUPPORT,KIT VOR,(VIR 31A).....	S4956	2		
7	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	4		
8	AN960D10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4		
9	MS24694-C53	.PARAFUSO CAB ESC,EST F.CRUZ,INOX (PF)..... SCREW (AP).....	96906	2		
10	MS27039-1-12	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
11	357-7998-010	.CONECTOR (J71)..... CONNECTOR (J71).....	13499	1		
	621-8533-002	.PROTECTOR DE CONECTOR..... CONNECTOR PROTECTION.....	13499	1	006006	
12	622-2363-001	.ANTENA (E1)..... ANTENNA (E1).....	13499	1	006084	
	10-622-2363-001	.ANTENA ADF (INTER COM PN 622-2363-001) (E21)..... ANTENNA (INTERCH WITH PN 622-2363-001) (E21).....	S7157	1	085999	
13	MS27039-1-22	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
14	MS27039-1-20	.PARAFUSO CABECA ABAULADA (PF)..... SCREW,TRUSS HEAD (AP).....	96906	2		
15	AN960D10	.ARRUELA PLANA (PF)..... WASHER,FLAT (AP).....	88044	4		
16	357-7998-010	.CONECTOR (P68)..... CONNECTOR (P68).....	13499	1		
17	9222	.CABO TRIAXIAL (W8)..... TRIAxIAL CABLE (W8).....	70903	1		
18		.BUSSOLA GIROMAGNETICA INSTL (VEJA FIG 34-20- 01-01)..... GYROMAGNETIC COMPASS INSTL (SEE FIG 34-20-01-0 1).....		REF		
19		.PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (V EJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION ( SEE CHAPTER 39).....		REF		
20		.SIST DE TRANSFERENCIA DE RADIO INSTL (VEJA C AP 23).....		REF		

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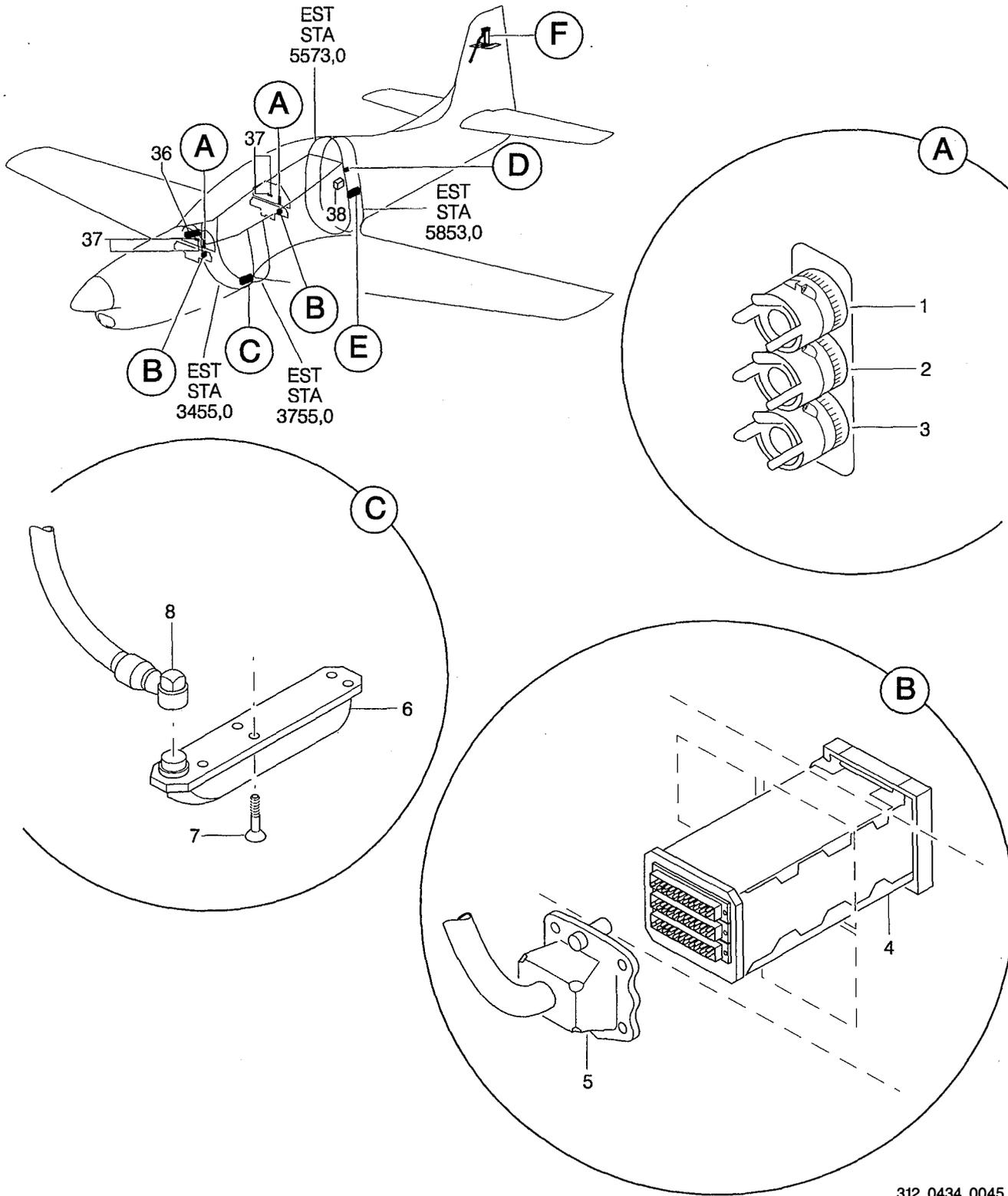
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		RADIO CONTROL TRANSFER SYSTEM INSTL (SEE CHAPT ER 23).....				

**34-50-00**

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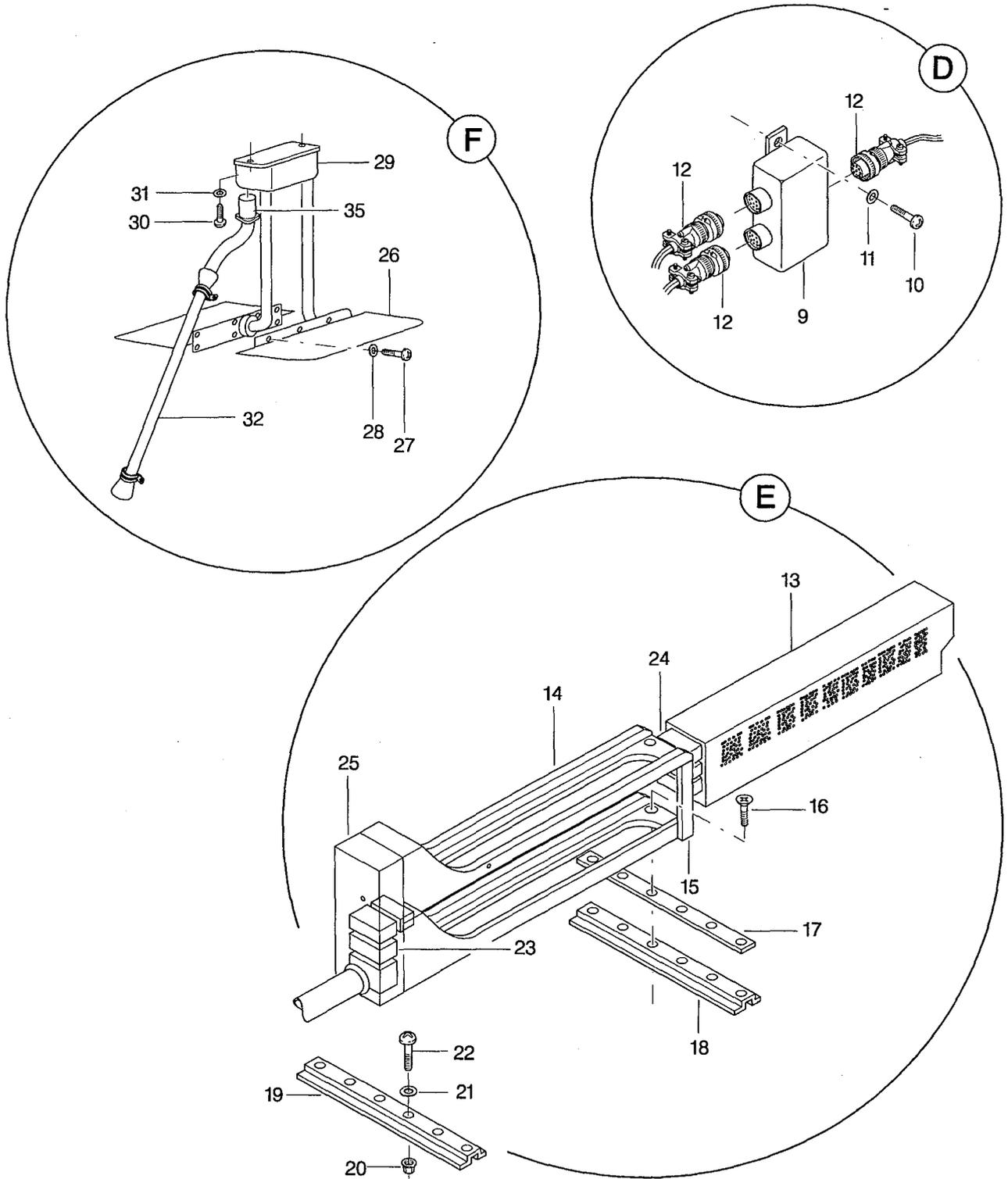


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FIGURA 01. SISTEMA VOR/ILS/MB INSTL (FOLHA 1 DE 2)  
FIGURE 01. VOR/ILS/MB SYSTEM INSTL (SHEET 1 OF 2)

**34-50-01**

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FIGURA 01. SISTEMA VOR/ILS/MB INSTL (FOLHA 2 DE 2)  
 FIGURE 01. VOR/ILS/MB SYSTEM INSTL (SHEET 2 OF 2)

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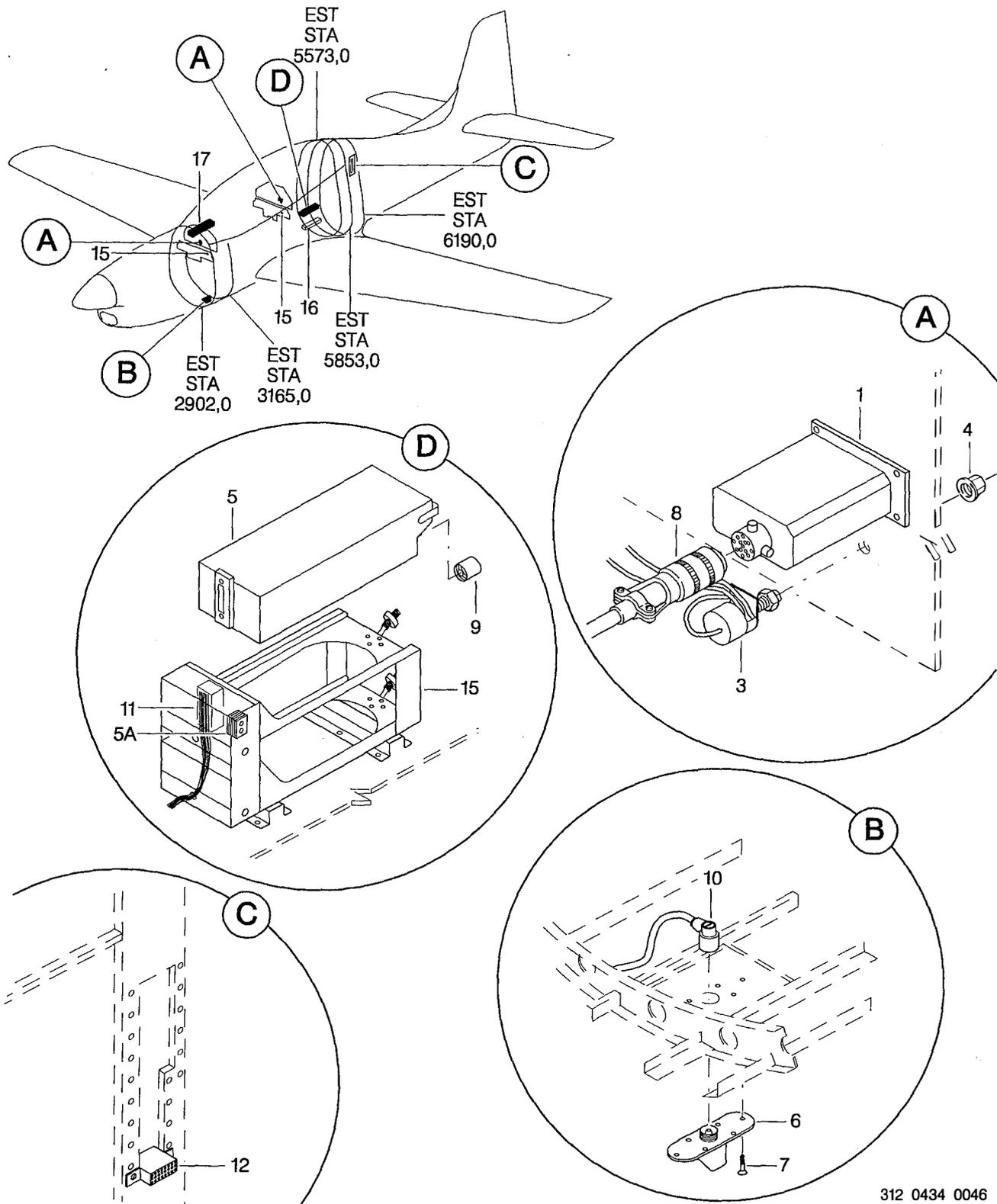
4-421

FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA VOR/ILS/MB INSTL..... VOR/ILS/MB SYSTEM INSTL.....		REF		
1	MS25041-4-328	.LUZ INDICADORA (DS69, DS72)..... LIGHT, INDICATOR (DS69, DS72).....	96906	2		
2	MS25041-10-328	.LUZ INDICADORA (DS70, DS73)..... LIGHT, INDICATOR (DS70, DS73).....	96906	2		
3	MS25041-1-328	.LUZ INDICADORA (DS71, DS74)..... LIGHT, INDICATOR (DS71, DS74).....	96906	2		
4	622-4531-113	.PAINEL CONTROLE NAV (A184, A185)..... PANEL, CONTROL, NAV (A184, A185).....	13499	2	006086	
	10-622-4531-113	.PAINEL CONTROLE NAV (INTER COM PN 622-4531-113) (A499, A500)..... PANEL, CONTROL, NAV (INTERCH WITH PN 622-4531-113) (A499, A500).....	S7157	2	087999	
5	SEM P/N	.. CONECTOR (F/C KIT PN 634-0058-003) (P247, P248, P249, P250)..... CONNECTOR (S/M KIT PN 634-0058-003) (P247, P248, P249, P250).....		4		
6	DM-N27-3	.ANTENA, CONJ (E8)..... ANTENNA (E8).....	85226	1		
7	MS24693C51	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
8	31-3202	.CONECTOR ELETRICO (P200)..... CONNECTOR, ELECTRICAL (P200).....	02660	1		
9	GSNC20-05	.ACOPLADOR (CP1)..... COUPLER, ANTENNA (CP1).....	55635	1		
10	MS35206-228	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
11	AN960-8L	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
12	31-3202	.CONECTOR ELETRICO (P201, P202, P203)..... CONNECTOR, ELECTRICAL (P201, P202, P203).....	02660	3		
13	622-1239-001 C/MOD.13	.RECEPTOR (RE16)..... RECEIVER (RE16).....	13499	1		
	10-622-1239-001 C/MOD.13	.RECEPTOR (INTER COM 622-1239-001 C/MOD.13) (RE17)..... RECEIVER (INTERCH WITH PN 622-1239-001 C/MOD.13) (RE17).....	S7157	1		
14	622-1196-001	.BANDEJA..... TRAY.....	13499	2		
	10-622-1196-301	.BANDEJA (INTER COM PN 622-1196-001)..... TRAY (INTERCH WITH PN 622-1196-001).....	S7157	1		
15	621-9054-003	.KIT DE BANDEJA..... TRAY KIT.....	13499	1		
16	MS24693-C50	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
17	312-02583-001	.CALCO..... SHIM.....	S4956	1		
18	312-02582-001	.SUPORTE..... SUPPORT.....	S4956	1		
19	312-02582-003	.SUPORTE..... SUPPORT.....	S4956	1		
20	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	16		
21	AN960D10	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	16		
22	MS27039-1-12	.PARAFUSO (PF)..... SCREW (AP).....	96906	16		
23	SEM P/N	.. CONECTOR (F/C KIT PN 634-1905-001) (J197, J198, J199).....		1	006051	

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01					-	
24	SEM P/N	CONNECTOR (S/W KIT PN 622-2152-001) (J197, J198, J199)..... .. CONECTOR (F/C KIT PN 629-8726-001) (FL1, J333)..... CONNECTOR (S/W KIT PN 629-8726-001) (FL1, J333).....		1	006013	
25	SEM P/N	.. CONECTOR (F/C KIT PN 629-8726-002) (FL2, J197, J198, J199, J333)..... CONNECTOR (S/W KIT PN 629-8726-002) (FL2, J197, J198, J199, J333).....		1	052999	
26	DMN4-17-1	.ANTENA VOR/LOC (E7).....	85226	1		
27	MS51957-46	.ANTENNA, VOR/LOC (E7).....				
28	AN960-8L	.PARAFUSO (PF).....	96906	8		
28	AN960-8L	.ARRUELA PLANA (PF).....	88044	8		
29	DMN4-17-2	.WASHER,FLAT (AP).....				
	DMN4-17-3	.ACOPLADOR DE ANTENA (CP2)..... COUPLER, ANTENNA (CP2).....	85226	1		
30	MS35206-244	.CABO..... CABLE.....	85226	1		
31	AN960-8L	.PARAFUSO CABECA ABAULADA (PF).....	96906	2		
31	AN960-8L	.SCREW, TRUSS HEAD (AP).....				
32	312-06029-001	.ARRUELA PLANA (PF).....	88044	2		
	AN3-3A	.WASHER,FLAT (AP).....				
	AN960-10L	.TUBO..... TUBE.....	S4956	1		
35	31-3202	.PINO ROSCADO (PF).....	88044	2		
35	31-3202	.BOLT (AP).....				
36		.ARRUELA (PF).....	88044	2		
36		.WASHER,FLAT (AP).....				
37		.CONECTOR ELETRICO (P204)..... CONNECTOR, ELECTRICAL (P204).....	02660	1		
38		.PAINEL LATERAL DIR INSTL, POSTO DIANTERIO (V EJA CAP 39)..... RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION (SEE CHAPTER 39).....		REF		
38		.BUSSOLA GIROMAGNETICA INSTL (VEJA FIG 34-20-01-01)..... GYROMAGNETIC COMPASS INSTL (SEE FIG 34-20-01-01).....		REF		
38		.SIST TRANSFERENCIA DE RADIO INSTL (VEJA CAP 23)..... RADIO CONTROL TRANSFER SYSTEM INSTL (SEE CHAPTER 23).....		REF		



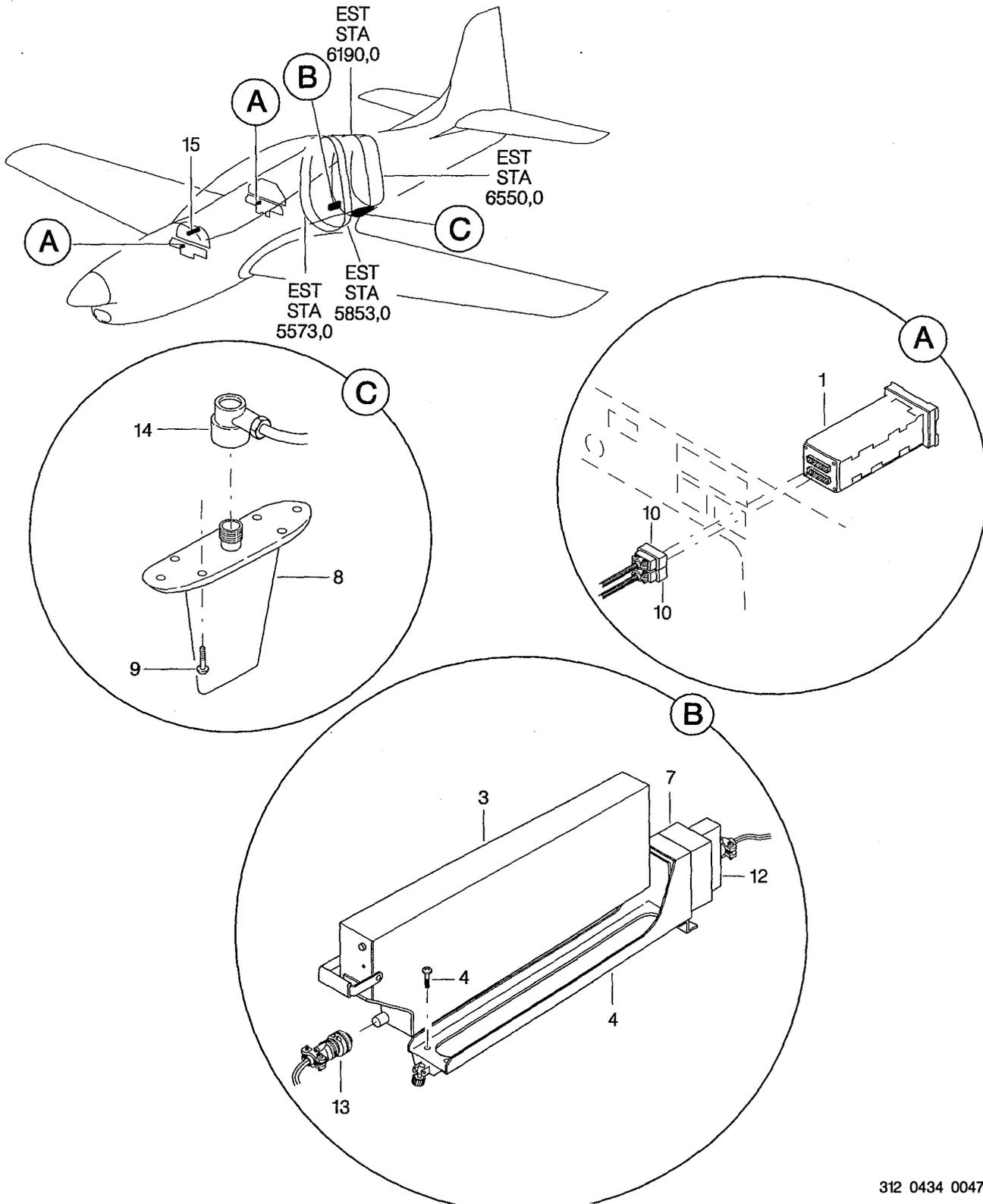
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FIGURA 01. DME 40 - FIACAO INSTL  
FIGURE 01. DME-40 SYSTEM INSTL

34-50-02

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		DME 40 - FIACAO.INSTL..... DME-40 SYSTEM INSTL.....		REF		
1	622-3917-001	.INDICADOR (A125, A126)..... INDICATOR DVT IND-40B (A125, A126).....	13499	2		
	MS35206-232	.PARAFUSO (PF)..... SCREW (AP).....	96906	8		
3	PE95135-1-102	.POTENCIOMETRO LINEAR (R24, R25)..... POTENTIOMETER LINEAR (R24, R25).....	S4956	2		
4	PE915059-1	.BOTAO..... KNOB.....	S4956	2		
5	622-1233-001	.RECEPTOR (RE4)..... RECEIVER (RE4).....	13499	1		
5 A	667-9007-000	.TRANSFORMADOR..... TRANSFORMER.....	13499	1		
5 B	H14-04	.PORCA (PF)..... NUT (AP).....	15653	2		
5 C	AN960-4L	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
5 D	MS35206-216	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
6	DM-NI-50-4	.ANTENA (E5)..... ANTENNA (E5).....	85226	1		
7	MS24693-C29	.PARAFUSO (PF)..... SCREW (AP).....	96906	6		
8	MS3126F18-32S	.CONECTOR (P214, P215)..... CONNECTOR (P214, P215).....	96906	2		
9	79075	.CONECTOR (P212)..... CONNECTOR (P212).....	74868	1		
10	19625	.CONECTOR (P213)..... CONNECTOR (P213).....		1		
11	618-5792-001	.CONECTORES-KIT (USE ATE FIM DE ESTOQUE) (J211 )..... /SBTT/E8567509 (USE UNTIL EXHAUSTED) (J211).....	13499	1	006079	
	634-1906-001	.CONECTOR (J211)..... CONNECTOR (J211).....	13499	1	080999	
	372-2514-110	.PINOS PARA CONECTOR..... PIN, CONNECTOR.....	13499	CR	080999	
12	2K1C126	.RELE (K51)..... RELAY 2 PDT,2A (K51).....	02289	1		
	MS35206-214	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
	AN960-4L	.ARRUELA (PF)..... WASHER (AP).....	88044	2		
15		. SISTEMA VOR/ILS/MB INSTL (VEJA FIG 34-50-01- 01)..... VOR/ILS/MB SYSTEM INSTL (SEE FIG 34-50-01-01).....		REF		
16		. SISTEMA DE TRANSFERENCIA DE RADIO INSTL (VEJ A CAP 23)..... RADIO CONTROL TRANSFER SYSTEM INSTL (SEE CHAPT ER 23).....		REF		
17		. PAINEL DE DISJUNTORES INSTL, POSTO DIANTEIRO (VEJA CAP 39)..... CIRCUIT BREAKER PANEL INSTL, FRONT FLIGHT STAT ION (SEE CHAPTER 39).....		REF		



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FIGURA 01. TRANSPONDER TDR-90 INSTL  
FIGURE 01. TDR-90 TRANSPONDER INSTL

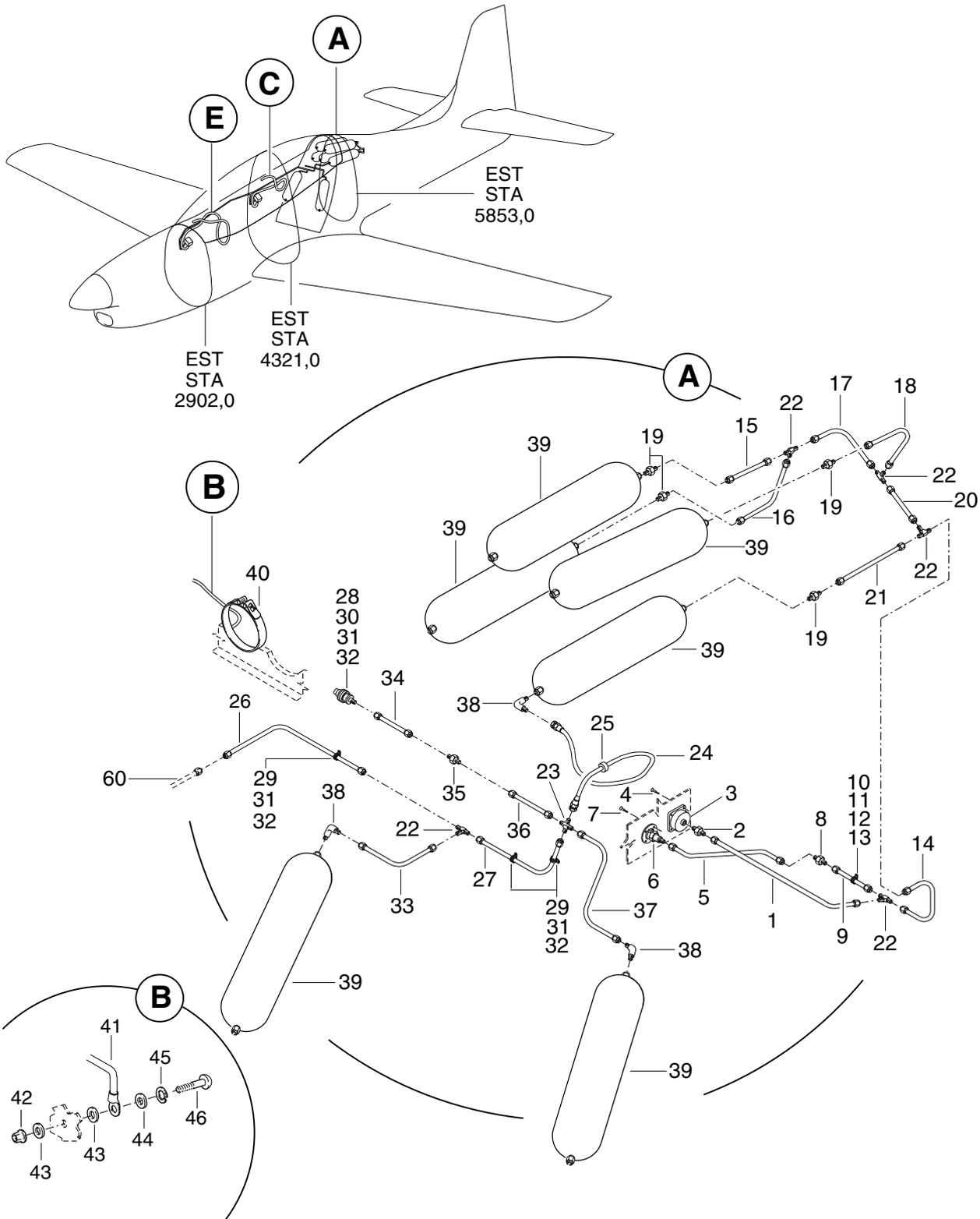
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		TRANSPONDER TDR-90 INSTL..... TDR-90 TRANSPONDER INSTL.....		REF		
1	622-4533-017	.PAINEL (A127, A128).....	13499	2		
3	622-1270-001	.PAINEL CONTROL CTL-91 (A127, A128)..... .TRANSPONDER (A96).....	13499	1		
4	622-1194-001	.TRANSPONDER (A96)..... .BANDEJA (390R-18).....	13499	1		
	MS24693-C50	.TRAY (390R-18)..... .PARAFUSO (PF).....	96906	2		
	MS24693-C27	.SCREW (AP)..... .PARAFUSO (PF).....	96906	2		
7	621-8533-001	.SCREW (AP)..... .PROTECAO DE CONECTOR.....	13499	1		
8	DM-NI-50-4	.CONNECTOR PROTECTION..... .ANTENA (E4).....	85226	1	006177	
	DMNI50-4-2	.ANTENA (E4)..... .ANTENA (E4).....	85226	1	178999	
9	MS24693-C27	.ANTENA (E4)..... .PARAFUSO (PF).....	96906	6		
10	SEM P/N	.SCREW (AP)..... . CONECTOR (F/C KIT 64-0058-004) (P231, P232, P233, P234).....		4		
12	618-5792-001	.CONNECTOR (SW KIT 64-0058-004) (P231, P232, P233, P234)..... .CONECTORES-KIT (USE ATE FIM DO ESTOQUE).....	13499	1	080999	
	634-1906-001	./SBTT/E8567509 (USE UNTIL EXHAUSTED)..... .CONECTOR.....	13499	1	080999	
	372-2514-110	.CONECTOR..... .PINOS PARA CONECTOR.....	13499	CR	080999	
13	79075	.PIN, CONNECTOR..... .CONECTOR (P113).....	74868	1		
14	19625	.CONECTOR (P113)..... .CONECTOR (INTERC SENTIDO UNICO COM P/N=101-H2 100A) (P110).....		1		
	101-H2100A	.CONNECTOR (ONE-WAY INTERCH WITH P/N=101-H2100 A) (P110)..... .CONECTOR (P110).....	94375	1		
15		.CONNECTOR (P110)..... . PAINEL LATERAL DIR INSTL, POSTO DIANTEIRO (V EJA CAP 39).....		REF		
		.RIGHT-HAND PANEL INSTL, FRONT FLIGHT STATION ( SEE CHAPTER 39).....				

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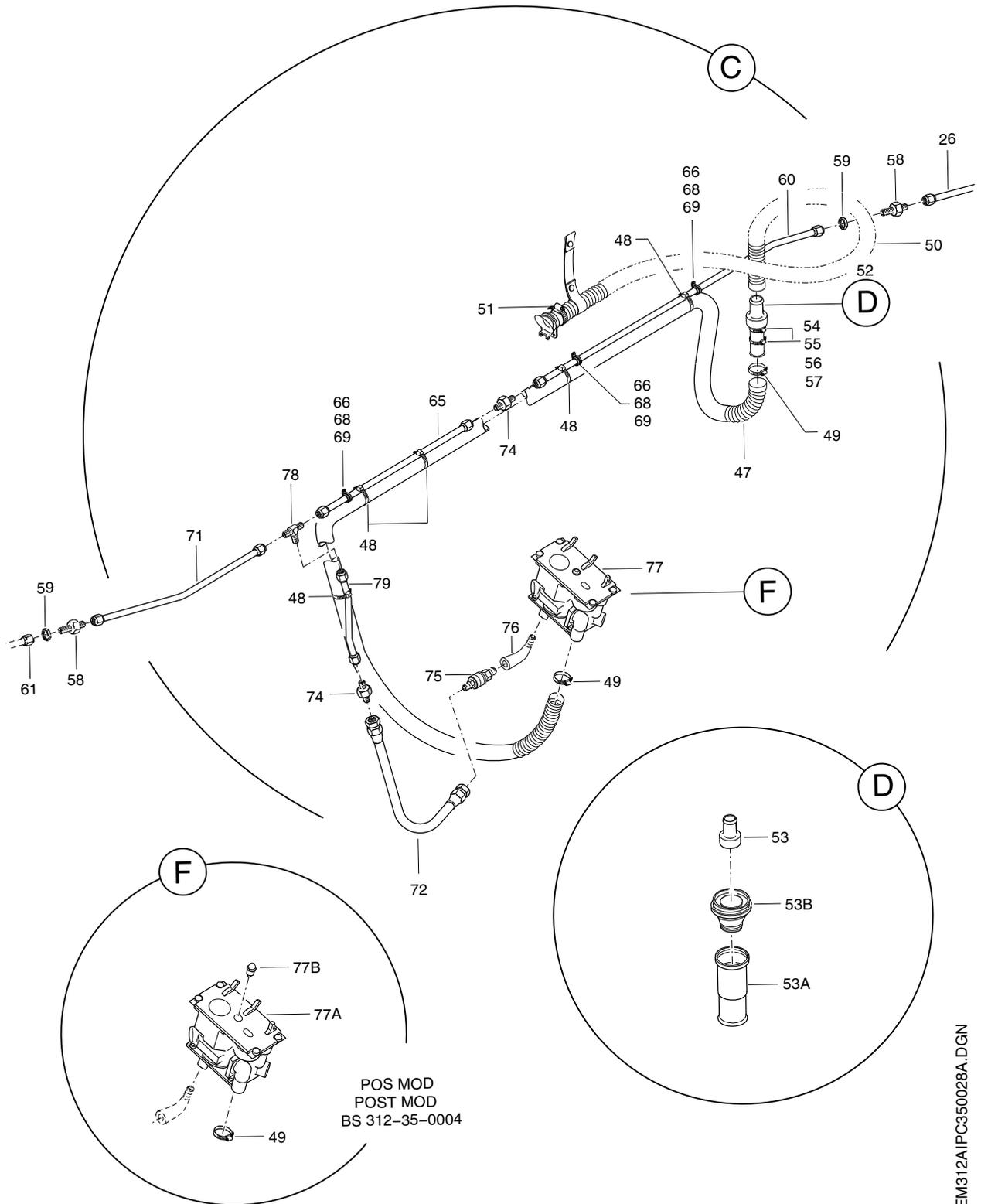
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FIGURA 01. SISTEMA DE OXIGENIO INSTL (FOLHA 1 DE 3)  
FIGURE 01. OXYGEN SYSTEM INSTL (SHEET 1 OF 3)

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CHANGE 6



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FIGURA 01. SISTEMA DE OXIGENIO INSTL (FOLHA 2 DE 3)  
FIGURE 01. OXYGEN SYSTEM INSTL (SHEET 2 OF 3)

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CHANGE 6

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FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE OXIGENIO INSTL..... OXYGEN SYSTEM INSTL.....				
1	312-06971-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
2	AN816-5D	.CONEXAO..... ADAPTER.....	88044	1		
2	AW1 7/8-27D5	.MANOMETRO..... GAUGE PRESSURE.....	61349	1		
4	MS35206-232	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
5	312-06968-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
6	AN6024-6	.VALVULA..... VALVE, FILLER.....	88044	1		
	MS20995C32	.ARAME DE FRENO (PF)..... WIRE-LOCK,SSTEEL (AP).....	96906	AR		
7	MS24694-S51	.PARAFUSO (PF)..... SCREW (AP).....	96906	4		
8	MS21211-1	.VALVULA..... VALVE, CHECK.....	96906	1		
9	312-06970-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
10	MS21919WDG5	.BRACADEIRA..... CLAMP ASSYL,ASBESTOS CUSHIONTEEL.....	96906	1		
11	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
12	AN960-10L	.ARRUELA (PF)..... WASHER,FLA T (AP).....	88044	1		
13	AN3-4A	.PARAFUSO-CABEÇA SEXTAVADA,AÇO (PF)..... BOLT (AP).....	88044	1		
14	312-06969-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
15	312-00725-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
16	312-06975-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
17	312-06972-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
18	312-06974-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
19	AN816-5-4	.CONEXAO,RETA-COM FLANGE,ACO..... FITTING-ADAPTER,STRAIGHT.....	88044	4		
20	312-06973-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
21	312-06967-001	.TUBO CONJ..... TUBE ASSY.....	001JK	1		
22	AS1035D050505	.CONEXAO,TE-COM FLANGE ALUMINIO..... FITTING-TEE,FLARED,ALUMINUM.....	81343	5		
23	AN827-5D	.CONEXAO,EM CURUZ-COM FLANGE,ALUMINIO..... FITTING-CROSS,FLARED,ALUMINUM.....	88044	1		
24	312-08432-001	.MANGUEIRA CONJ..... HOSE ASSY.....	001JK	1		
25	MS21266-1N	.ILHOS-AJUSTAVEL,PLASTICO..... GROMMET-ADJUSTABLE,PLASTIC.....	96906	1		
26	312-00721-001	.TUBO CONJ.....	001JK	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
27	312-07288-001	TUBE ASSY..... .TUBO CONJ .....	001JK	1		
28	211C117-151	TUBE ASSY..... .CONTACTOR MANOMETRICO (S0139) .....	2750	1		
29	MS21919WDG5	CONTACTOR (S0139)..... .BRACADEIRA-AMORTECEDOR BORRACHA CLOROPRENE, ALUMINIO .....	96906	3		
30	MS21919WDG16	CLAMP-LOOP TYPE, CHLOROPRENE CUSHION, ALUMINUM .BRACADEIRA-AMORTECEDOR BORRACHA CLOROPRENE, ALUMINIO .....	001JK	1		
31	AN960-10L	CLAMP-LOOP TYPE, CHLOROPRENE CUSHION, ALUMINUM .ARRUELA (PF).....	88044	4		
32	MS27039C1-08	WASHER, FLAT (AP) .....	96906	4		
33	312-00723-001	.PARAFUSO (PF)..... SCREW (AP) .....	001JK	1		
34	312-07289-001	.TUBO CONJ .....	001JK	1		
35	AN919-3D	TUBE ASSY..... .CONEXAO, RETA-REDUTORA .....	88044	1		
36	312-07286-001	FITTING-ADAPTER, STRAIGHT, REDUCER .....	001JK	1		
37	312-07287-001	.TUBO CONJ .....	001JK	1		
38	MS20822-5-4D	TUBE ASSY..... .COTOVELO 90 GRAUS .....	96906	3		
39	CRNOX3-8	ELBOW-FLARED, AL..... .CILINDRO DE OXIGENIO (OPCIONAL USE P/N=80C-0008-3) CYLINDER, OXYGEN (OPTIONAL USE P/N=80C-0008-3).....	NORDN	6		
	G231N	.LEN COL BOR CELULAR, 2C1 1/8 POL .....	001JK	CR		
	312-00129-003	SHEET, RUBBER 2C1 1/8 IN..... .PERFIL VEDACAO-SIS OXIGENIO, BORRACHA.....	001JK	2		
	SEM P/N	PROFILE, SEAL-OXYGEN SYS, RUBBER .....	S4956	CR		
	BJE	.LENCOL BOR NBR 1,0MM..... SHEET, NBR RUB 1,0MM.....	S4956	2		
40	312-08431-001	.BUJAO .....	S4956	2		
41	4A-710-10-47	PLUG..... .BRACADEIRA, CONJ-SIS OXIGENIO(PF).....	001JK	6		
42	MS21042-3	CLAMP ASSY-OXYGEN SYS(AP)..... .PONTE LIGACAO .....	001JK	6		
43	AN960D10	JUMPER, INTERCONNECTION..... .PORCA SEXTAVADA-AUTO FRENANTE, ACO(PF).....	96906	5		
44	AN960C10	NUT, HEXAGON-SELF LOCKING, STEEL(AP)..... .ARRUELA PLANA-ALUMINIO(PF).....	88044	10		
45	MS35338-43	WASHER, FLAT-ALUMINUM(AP)..... .ARRUELA PLANA-INOX(PF).....	88044	5		
46	MS27039-1-10	WASHER, FLAT-CRES(AP)..... .ARRUELA-BIPARTIDA, TRAVA, ACO(PF).....	96906	5		
47	MS22055H72	WASHER-SPLIT, LOCK, STEEL(AP)..... .PARAFUSO-CABECA ABAULADA, FENDA EM CRUZ, ACO(PF).....	96906	4		
		SCREW-PAN HEAD, CROSS RECESS, STEEL(AP)..... .PARAFUSO (PF).....	96906	1		
		SCREW (AP) .....	96906	2		
		.MANGUEIRA CONJ.....	96906	2		

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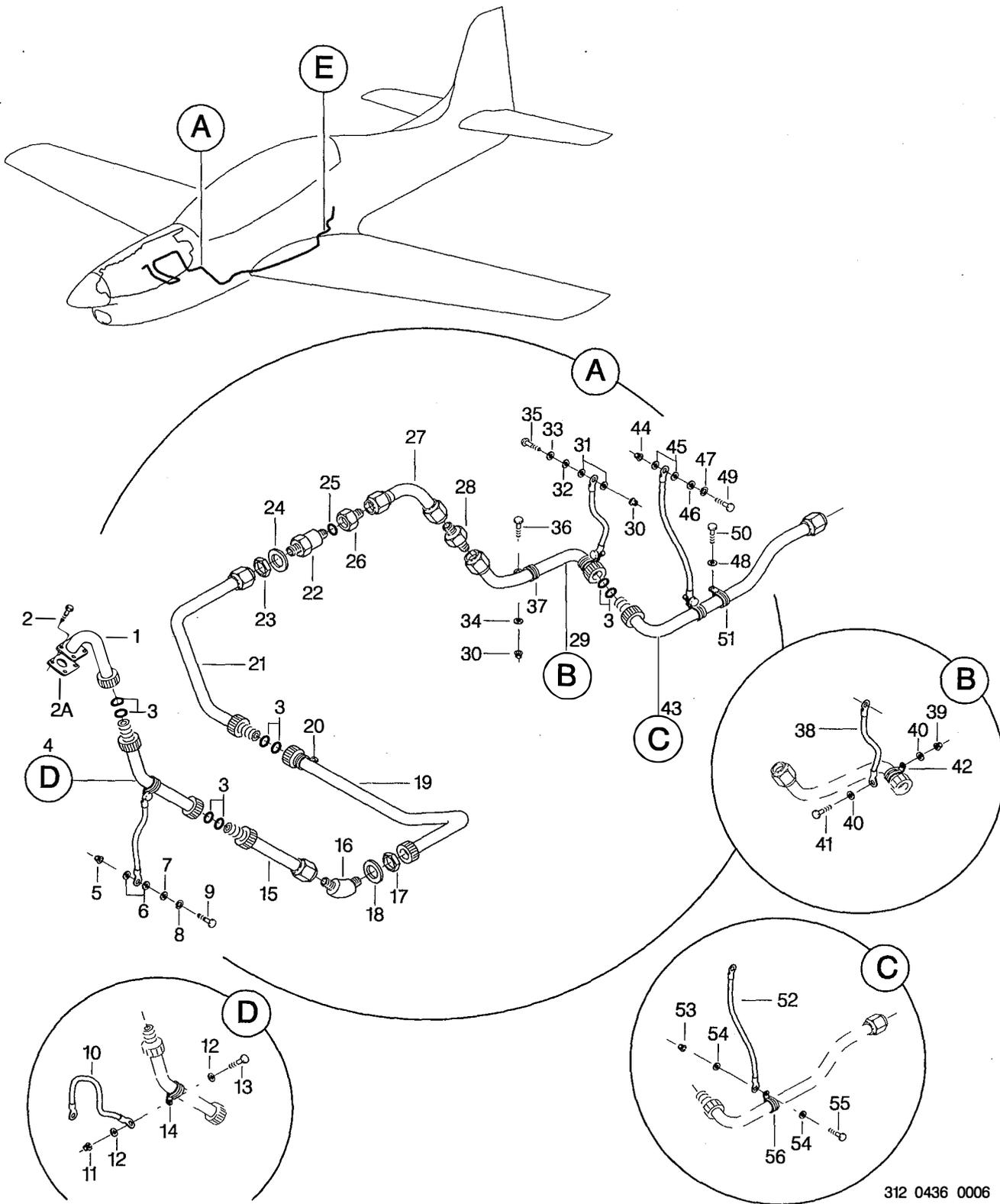
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CHANGE 6

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
48	MS3367-7-9	HOSE, FLEXIBLE..... .FIT A DE FIXACAO (PF).....	96906	13		
49	NAS397-20	STRAP, TIEDOWN (AP)..... BRACADEIRA (AL TERNATIVA USE P/N=MS22064-5) (PF)...	80205	4		
50	MS22055B24	CLAMP (AL TERNATIVE USE P/N=MS22064-5) (AP), ..... .MANGUEIRA CONJ.....	96906	2		
51	NAS397-20	HOSE ASSY..... .BRACADEIRA (ALTERNATIVA USE P/N=MS22064-5) (PF)....	80205	2		
52	312-10520-501	CLAMP (AL TERNATIVE USE P/N=MS22064-5) (AP), ..... .CONEXAO DESENGATE RAPIDO.....	001JK	2		
53	312-14676-001	FITTING ASSY, QUICK-DISCONNECT..... .. ALQJAMENTO PARA VALVULA (ALTERNATIVA USE P/N=711-12-30-02) .....	001JK	2		
53A	312-10521-001	FITTING, HOSE (ALTERNATIVE USE P/N=711-12-30-02) ..... ..CONEXAO (ALTERNATIVA USE P/N=711-12-30-01) .....	001JK	2		
53B	224-25	FITTING, QUICK-DISCONNECT (ALTERNATIVE USE P/N=711-12-30-01)..... .. VALVULA .....	92114	2		
	M25988/1-916	VALVE, QUICK-ENGAGE..... .. ANEL VEDACAO .....	81349	2		
54	AN735-16	RINGO..... BRACADEIRA-PARA METALIZACAO, ACO.....	88044	4		
55	MS21042L3	CLAMP-LOOP TYPE, BONDING, STEEL .....	96906	4		
56	AN960-10L	.PORCA (PF) .....	96906	4		
57	MS27039C1-08	NUT (AP)..... ARRUELA PLANA-ACO .....	88044	4		
58	AN832-5D	WASHER, FLAT-STEEL..... .PARAFUSO (PF) .....	96906	4		
59	AN924-5D	SCREW (AP) .....	88044	2		
60	312-00720-001	UNIAO .....	88044	2		
61	312-00718-001	UNION, FLARED TUBE, ALUMINUM .....	88044	2		
62	312-00717-001	.PORCA (PF) .....	88044	2		
64	312-02027-001	NUT (AP)..... .TUBO, CONJ-SIS OXIGENIO .....	001JK	1		
65	312-00719-001	TUBE ASSY..... .TUBO, CONJ-SIS OXIGENIO .....	001JK	1		
66	MS21919WDG5	TUBE ASSY..... .TUBO, CONJ-SIS OXIGENIO .....	001JK	1		
67	MS21042-3	TUBE ASSY..... .TUBO, CONJ-SIS OXIGENIO .....	001JK	1		
68	AN960-10L	.TUBO, CONJ-SIS OXIGENIO .....	001JK	1		
69	MS27039C1-08	TUBE ASSY..... BRACADEIRA-AMORTECEDOR BORRACHA CLOROPRENE, ALUMINIO .....	96906	7		
70	AN3-4A	CLAMP-LOOP TYPE, CHLOROPRENE CUSHION, ALUMINUM .PORCA SEXTAVADA-AUTO FRENANTE, ACO.....	96906	2		
71	312-02024-001	NUT, HEXAGON-SELF LOCKING, STEEL .....	88044	7		
		ARRUELA (PF) .....	88044	7		
		WASHER, FLAT (AP) .....	88044	7		
		.PARAFUSO-CABECA ABAULADA, FENDA EM CRUZ, INOX... SCREW-PAN HEAD, CROSS RECESS, CRES .....	96906	5		
		.PARAFUSO-CABEÇA SEXTAVADA, AÇO .....	88044	2		
		BOLT-HEXAGON HEAD, STEEL .....	88044	2		
		.TUBO, CONJ-SIS OXIGENIO .....	001JK	1		

FIG-ITEM FIG. ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
72	312-07443-001	TUBE ASSY..... .MANGUEIRA,CONJ-SIS OXIGENIO.....	001JK	2		
73	312-02022-001	HOSE ASSY..... .TUBO,CONJ-SIS OXIGENIO.....	001JK	1		
74	AN815-5D	TUBE ASSY..... .CONEXAO,RETA-COM FLANGE,ALUMINIO.....	88044	6		
75	20-0524-100	FITTING-ADAPTER,STRAIGHT,FLARED,ALUMINUM..... .VALVULA (INTER SENTIDO UNICO COM P/N=20-0524-101)	TAKAK	6		
	20-0524-101	VALVE, QUICK-ENGAGE(INTERCH ONE-WAY WITH P/N=20-0524-101).....	S4956	2		
	312-16852-001	.VALVULA (INTERC 8ENTIDO DUPLO COM P/N=312-16852-001).....	S4956	2		
	312-16851-001	VALVE (INTERCH TWO-WAY WITH P/N=312-16852-001).....	S4956	2		
	312-16849-001	.CONJ VALVULA.....	80205	1		
	M83461/1-008	VALVE ASSY..... .. CONEXAO.....	27264	1		
	20-2913-114	FITTING..... .. CONEXAO.....	81349	1		
	202010859	RING'O..... ..VALVULA ENGATE RAPIDO (INTERC SENTIDO UNICO COM P/N=202010859).....	S4956	1		
76	AN915-1D	VALVE, CLIPPING COUPLER (INTERCH ONE-WAY WITH P/ N=202010859).....	001JK	1		
77	29255-10A-A17	.. VALVULA-ENGATE RAPIDO.....	88044	2		
77A	29270-10A-B1	VALVE, CLIPPING COUPLER..... .REGULADOR DE OXIGENIO.....	99251	2	006501	
77B	MS25237-327	REGULATOR, OXYGEN..... .REGULADOR DE OXIGENIO (Q/I P/N=29270-10A-B1 PODE SER INSTALADO NO LUGAR DO P/N=29255-10A-A17,DESDE QUE SEJA INSTALADO JUNTO COM A LAMPADA P/N=MS25237-327, POS MOD BS 312-35-0004).....	99251	2	c	
78	AS1035D050505	REGULATOR, OXYGEN (Q/I P/N=29270-10A-B1 CAN BE INSTALLED IN THE PLACE OF P/N=29255-10A-A17 PROVIDED LAMP P/N=MS25237-327 IS INSTALLED,POST MOD SB 312-35-0004).....	96906	2	C	
79	312-07440-001	.LAMPADA-INCADESCENTE,28V,0.04A,CONTATO ÚNICO.... LAMP-INCANDESCENT,28V,0.04A,SINGLE CONTACT.....	81343	1		
	M821266-1N	.CONEXAO,TE-COM FLANGE..... FITTING-TEE,FLARED.....	S4956	1		
		.TUBO CONJ..... TUBE ASSY.....	S4956	1		
		.ILHOS..... GROMMET NYLON 6.6.....	96906	1		
		EFETIVIDADES USAGE CODE LIST A AVIOES 312006 A 312355 (POS MOD BS 312-035-001), 312356 E SEGUINTE A AIRCRAFT 312006 THRU 312355 (POST MOD SB 312-35-0001), 312356 AND ON C AVIOES 312001 A 312503 (POS MOD BS 312-35-0004) C AIRCRAFT 312001 THRU 312503 (POST MOD SB 312-35-0004)				



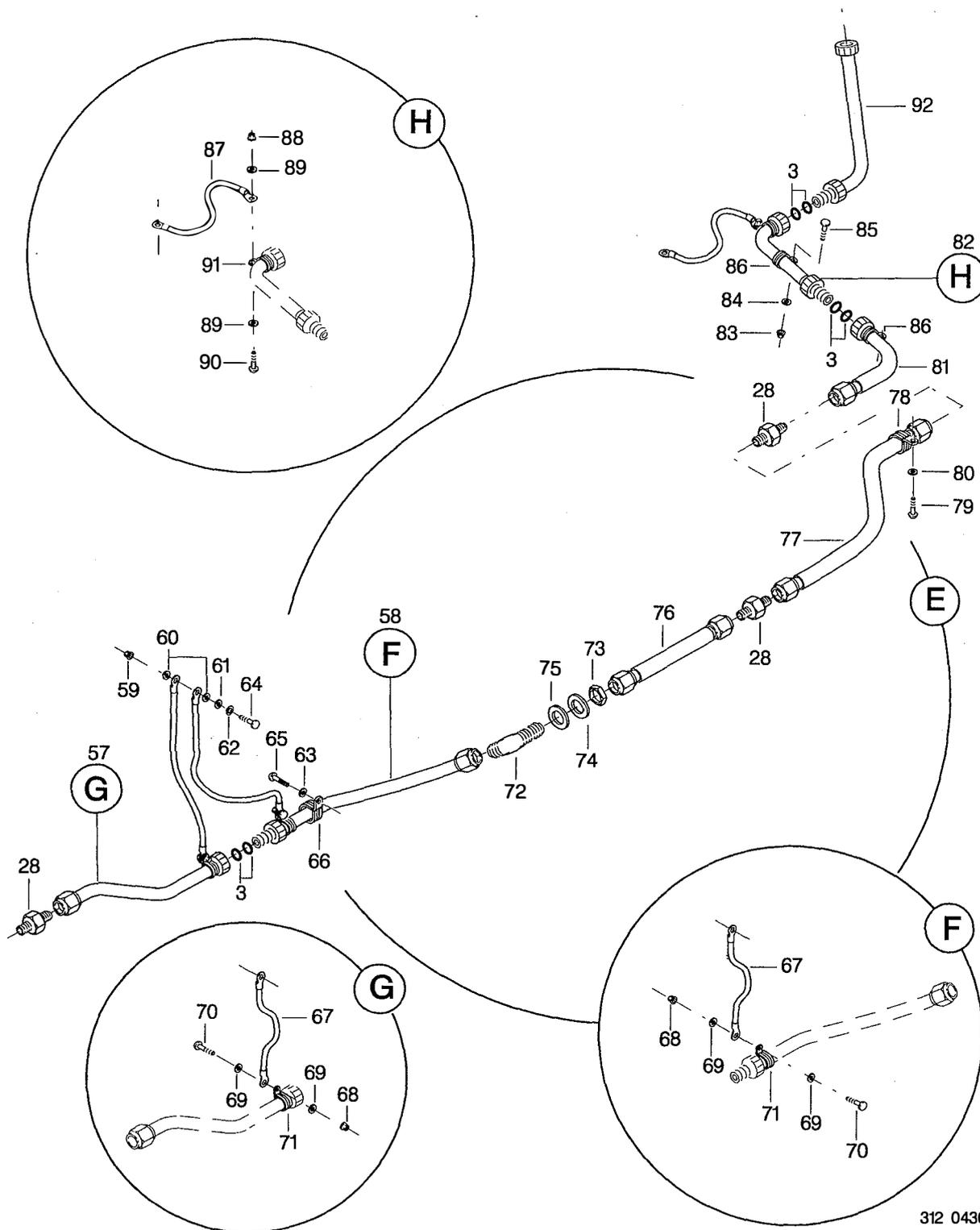


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FIGURA 01. SISTEMA DE SANGRIA DE AR DO MOTOR INSTL (FOLHA 1 DE 2)  
FIGURE 01. ENGINE BLEED AIR SYSTEM INSTL (SHEET 1 OF 2)

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FIGURA 01. SISTEMA DE SANGRIA DE AR DO MOTOR INSTL (FOLHA 2 DE 2)  
 FIGURE 01. ENGINE BLEED AIR SYSTEM INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		SISTEMA DE SANGRIA DE AR DO MOTOR INSTL..... ENGINE BLEED AIR SYSTEM INSTL.....		REF		
1	312-01654-001	TUBO CONJ..... TUBE ASSY.....	S4956	1		
2	MS9575-05	PARAFUSO (PF)..... SCREW (AP).....	96906	4		
2 A	3007342	JUNTA DE VEDACAO..... RING, 'O'.....	00198	1		
3	M83248/1-211	ANEL VEDACAO..... O'RING.....	81349	12		
	MS20995C20	ARAME DE FRENO..... LOCKWIRE.....	96906	CR		
4	312-01644-001	TUBO CONJ..... TUBE ASSY.....	S4956	1		
5	MS21042L3	PORCA (PF)..... NUT (AP).....	96906	1		
6	AN960D10	ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	2		
7	AN960C10	ARRUELA PLANA, INOX (PF)..... WASHER, PLAIN, CRES (AP).....	88044	1		
8	MS35338-43	ARRUELA (PF)..... WASHER (AP).....	96906	1		
9	MS27039-1-09	PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	1		
10	PE88001-1BB8	METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB8)..... BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB8)	S4956	1		
	PE88001-5BB8	PONTE LIGACAO, CONJ (B.I. 312-00-0003)..... JUMPER ASSY (I.B. 312-00-0003).....	S4956	1		
11	MS21042L3	PORCA (PF)..... NUT (AP).....	96906	1		
12	AN960-10L	ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	2		
13	MS27039-1-09	PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	1		
14	PE27010-12	BRACADEIRA..... CLAMP.....	S4956	1		
15	312-01645-001	TUBO CONJ..... TUBE ASSY.....	S4956	1		
16	MS24396J12	CONEXAO 45 GRAUS..... ELBOW, 45-DEGREE.....	96906	1		
17	AN924-12	PORCA (PF)..... NUT (AP).....	88044	1		
18	AN960-1716	ARRUELA PLANA, ACO (PF)..... WASHER, FLAT, STEEL (AP).....	88044	1		
19	312-01646-001	TUBO CONJ..... TUBE ASSY.....	S4956	1		
20	MS21919WDG18	BRACADEIRA..... CLAMP ASSY, ALUMINUM.....	96906	1		
21	312-01647-001	TUBO CONJ..... TUBE ASSY.....	S4956	1		
22	312-09951-503	VALVULA DE SANGRIA CONJ..... BLEED VALVE ASSY.....	S4956	1		
23	AN924-12	PORCA..... NUT.....	88044	1		
24	AN960-1716	ARRUELA PLANA, ACO..... WASHER, FLAT, STEEL.....	88044	1		
25	M83248/1-215	ANEL VEDACAO..... RING 'O'.....	81349	1		
26	AN894D16-12	ADAPTADOR.....	88044	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		BUSHING.....				
27	312-01648-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
28	AN815-12D	.UNIAO.....	96906	4		
		NIPPLE.....				
29	312-01649-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
30	MS21042L3	.PORCA (PF).....	96906	2		
		NUT (AP).....				
31	AN960D10	.ARRUELA (PF).....		2		
		WASHER (AP).....				
32	AN960C10	.ARRUELA PLANA,INOX (PF).....	88044	1		
		WASHER,PLAIN,CRES (AP).....				
33	MS35338-43	.ARRUELA (PF).....	96906	1		
		WASHER (AP).....				
34	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP).....				
35	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	1		
		SCREW,TRUSS HEAD (AP).....				
36	AN3-3A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
37	MS21919WDG18	.BRACADEIRA.....	96906	1		
		CLAMP ASSY,ALUMINUM.....				
38	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6).....	S4956	1		
	PE88001-5BB6	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6) .PONTE LIGACAO, CONJ (B.I. 312-00-0003).....	S4956	1		
		JUMPER ASSY (I.B. 312-00-0003).....				
39	MS21042L3	.PORCA (PF).....	96906	1		
		NUT (AP).....				
40	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER,FLAT (AP).....				
41	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	1		
		SCREW,TRUSS HEAD (AP).....				
42	PE27010A12	.BRACADEIRA.....	S4956	1		
		CLAMP.....				
43	312-01650-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
44	MS21042L3	.PORCA (PF).....	96906	1		
		NUT (AP).....				
45	AN960D10	.ARRUELA (PF).....		2		
		WASHER (AP).....				
46	AN960C10	.ARRUELA PLANA,INOX (PF).....	88044	1		
		WASHER,PLAIN,CRES (AP).....				
47	MS35338-43	.ARRUELA (PF).....	96906	1		
		WASHER (AP).....				
48	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP).....				
49	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	1		
		SCREW,TRUSS HEAD (AP).....				
50	AN3-3A	.PINO ROSCADO (PF).....	88044	1		
		BOLT (AP).....				
51	MS21919WDG18	.BRACADEIRA.....	96906	1		
		CLAMP ASSY,ALUMINUM.....				
52	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6).....	S4956	1		
	PE88001-5BB6	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6) .PONTE LIGACAO, CONJ (B.I. 312-00-0003).....	S4956	1		

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		JUMPER ASSY (I.B. 312-00-0003)				
53	MS21042L3	.PORCA (PF)	96906	1		
		NUT (AP)				
54	AN960-10L	.ARRUELA (PF)	88044	2		
		WASHER, FLAT (AP)				
55	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)	96906	1		
		SCREW, TRUSS HEAD (AP)				
56	PE27010A12	.BRACADEIRA	S4956	1		
		CLAMP				
57	312-01651-001	TUBO CONJ	S4956	1		
		TUBE ASSY				
58	312-01652-001	TUBO CONJ	S4956	1		
		TUBE ASSY				
59	MS21042L3	.PORCA (PF)	96906	2		
		NUT (AP)				
60	AN960D10	ARRUELA (PF)		2		
		WASHER (AP)				
61	AN960C10	.ARRUELA PLANA, INOX (PF)	88044	1		
		WASHER, PLAIN, CRES (AP)				
62	MS35338-43	ARRUELA (PF)	96906	1		
		WASHER (AP)				
63	AN960-10L	ARRUELA (PF)	88044	1		
		WASHER, FLAT (AP)				
64	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)	96906	1		
		SCREW, TRUSS HEAD (AP)				
65	AN3-3A	.PINO ROSCADO (PF)	88044	1		
		BOLT (AP)				
66	MS21919WDG18	.BRACADEIRA	96906	1		
		CLAMP ASSY, ALUMINUM				
67	PE88001-1BB6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6)	S4956	1		
	PE88001-5BB6	BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6)				
		.PONTE LIGACAO, CONJ (B.I. 312-00-0003)	S4956	1		
		JUMPER ASSY (I.B. 312-00-0003)				
68	MS21042L3	.PORCA (PF)	96906	1		
		NUT (AP)				
69	AN960-10L	.ARRUELA (PF)	88044	2		
		WASHER, FLAT (AP)				
70	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF)	96906	1		
		SCREW, TRUSS HEAD (AP)				
71	PE27010A12	.BRACADEIRA	S4956	1		
		CLAMP				
72	AN837-12D	.CONEXAO 45 GRAUS	96906	1		
		ELBOW, 45-DEGREE				
73	AN924-12D	.PORCA (PF)	88044	1		
		NUT (AP)				
74	AN960-D1716L	.ARRUELA (PF)	88044	1		
		WASHER (AP)				
75	312-01643-003	JUNTA	S4956	1		
		PACKING				
76	312-01653-001	TUBO CONJ	S4956	1		
		TUBE ASSY				
77	312-04293-501	TUBO CONJ	S4956	1		
		TUBE ASSY				
78	MS21919WDG18	.BRACADEIRA	96906	1		
		CLAMP ASSY, ALUMINUM				
79	AN3-3A	.PINO ROSCADO (PF)	88044	1		
		BOLT (AP)				

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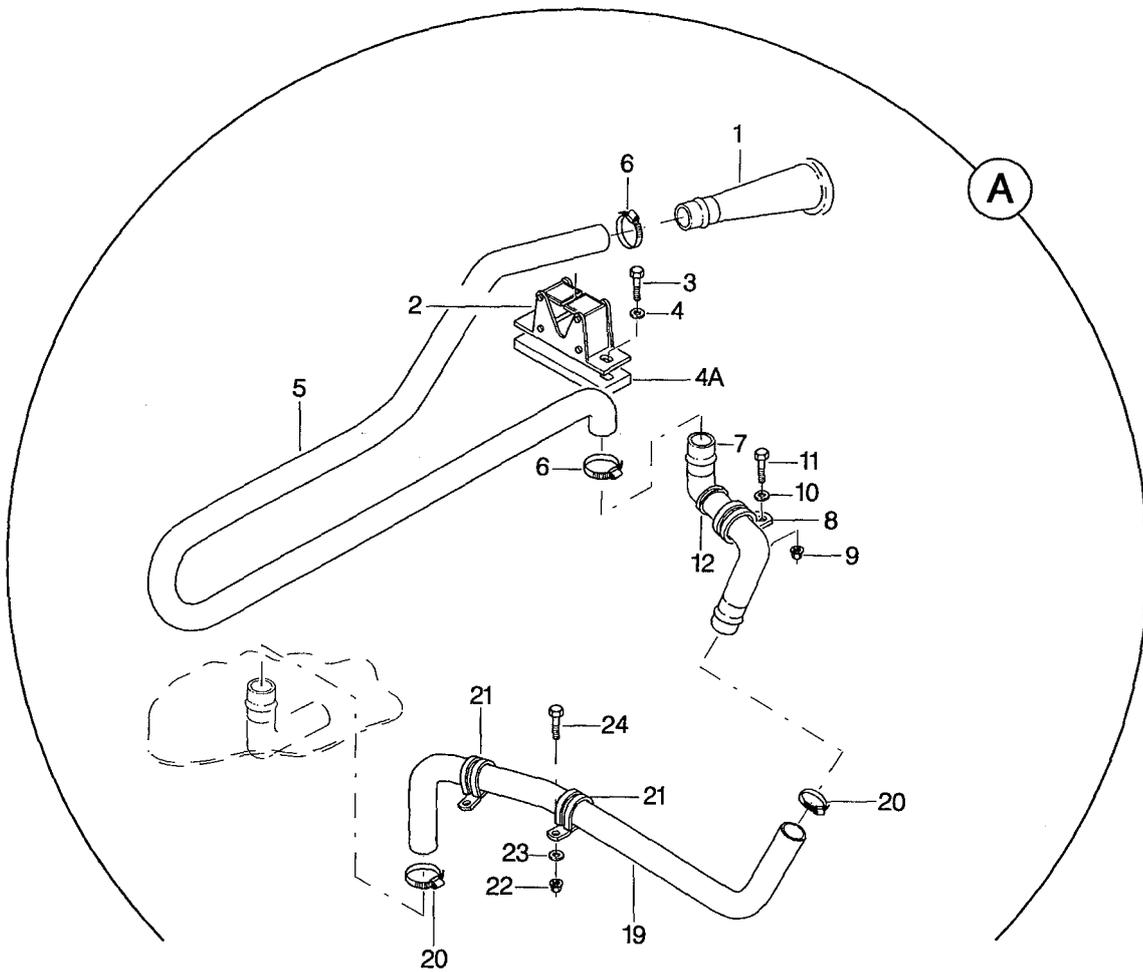
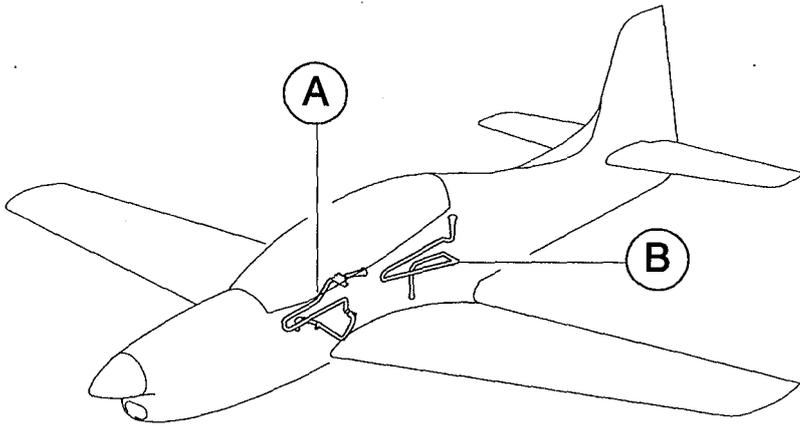
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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01						
80	AN960-10L	.ARRUELA (PF).....	88044	1		
		WASHER,FLAT (AP).....				
81	312-03565-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
82	312-08849-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
83	MS21042L3	.PORCA (PF).....	96906	2		
		NUT (AP).....				
84	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER,FLAT (AP).....				
85	AN3-3A	.PINO ROSCADO (PF).....	88044	2		
		BOLT (AP).....				
86	MS21919WDG18	.BRACADEIRA.....	96906	2		
		CLAMP ASSY,ALUMINUM.....				
87	PE88001-15B6	.METALIZACAO (PARA REPOSICAO USE P/N=PE88001-5BB6).....	S4956	1		
		BONDING (FOR REPLACEMENT USE P/N=PE88001-5BB6)				
	PE88001-5BB6	.PONTE LIGACAO, CONJ (B.I. 312-00-0003).....	S4956	1		
		JUMPER ASSY (I.B. 312-00-0003).....				
88	MS21042L3	.PORCA (PF).....	96906	1		
		NUT (AP).....				
89	AN960-10L	.ARRUELA (PF).....	88044	2		
		WASHER,FLAT (AP).....				
90	MS27039-1-09	.PARAFUSO CABECA ABAULADA (PF).....	96906	1		
		SCREW, TRUSS HEAD (AP).....				
91	PE27010A12	.BRACADEIRA (PF).....	S4956	1		
		CLAMP (AP).....				
92	312-08850-001	.TUBO CONJ.....	S4956	1		
		TUBE ASSY.....				
	MS21266-1N	.ILHOS.....	96906	4		
		GROMMET NYLON 6.6.....				

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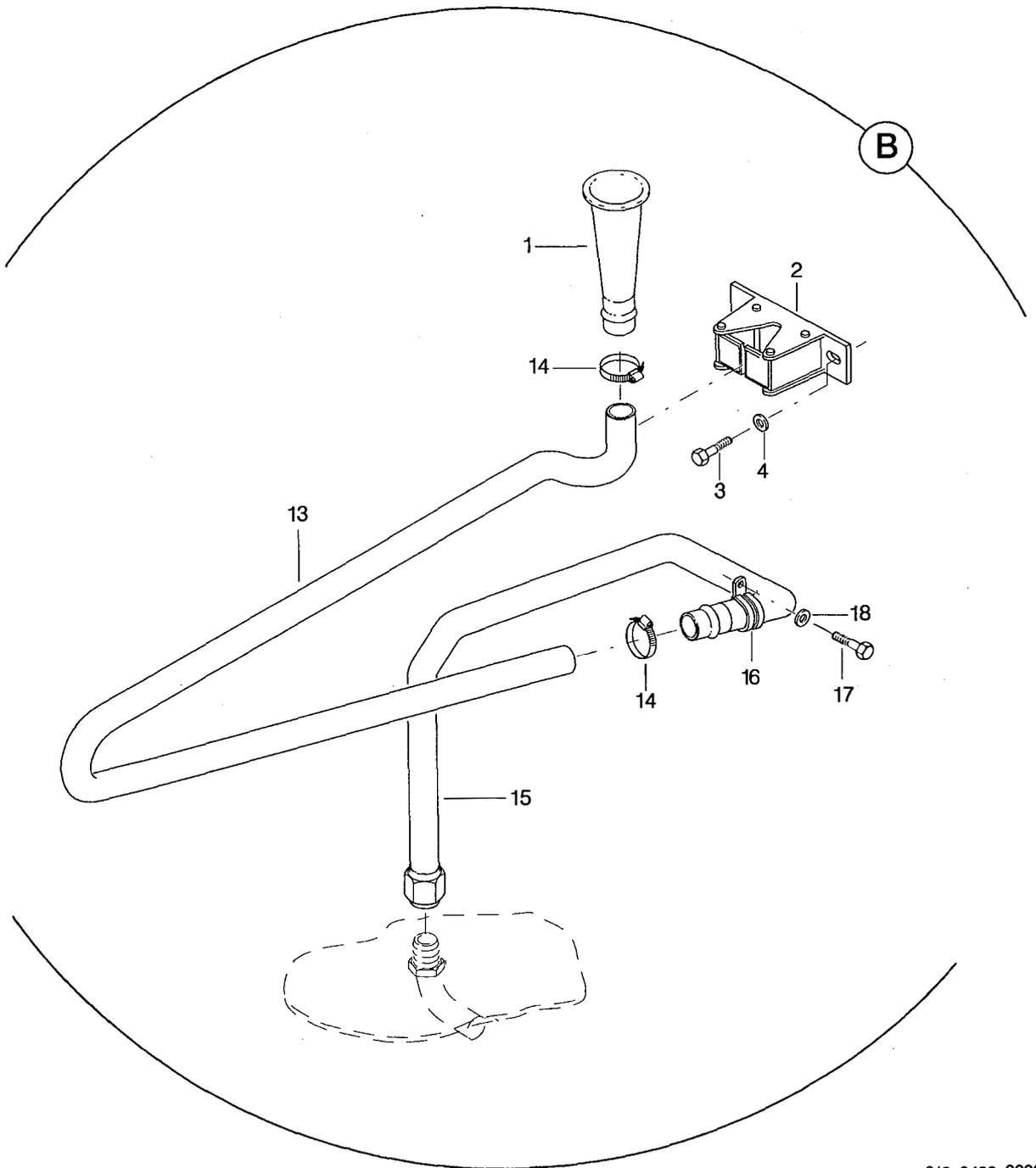


312 0438 0005

FIGURA 01. IMPLANTACAO DO TUBO MICTORIO INSTL (FOLHA 1 DE 2)  
FIGURE 01. RELIEF TUBE INSTL (SHEET 1 OF 2)

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FIGURA 01. IMPLANTACAO DO TUBO MICTORIO INSTL (FOLHA 2 DE 2)  
FIGURE 01. RELIEF TUBE INSTL (SHEET 2 OF 2)

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FIG-ITEM FIG-ITEM	NUMERO DE PECA PART NUMBER	NOMENCLATURA NOMENCLATURE 1234567	COD. FABR. VENDOR CODE	QTDE QTY	EFT EFF	OMR SMR
01		IMPLANTACAO DO TUBO MICTORIO INSTL..... RELIEF TUBE INSTL.....		REF		
1	AN8018-1	.BOCAL..... HORN RELIEF TUBE.....	88044	2		
2	312-04355-001	.PRENDEDOR..... BRACKET.....	S4956	2		
3	MS51957-17	.PARAFUSO CABECA ABAULADA (PF)..... SCREW, TRUSS HEAD (AP).....	96906	2		
	MS35206-218	.PARAFUSO (PF)..... SCREW (AP).....	96906	2		
4	AN960-4	.ARRUELA PLANA (PF)..... WASHER, FLAT (AP).....	88044	4		
4 A	312-09347-001	.CALCO..... SHIM.....	S4956	1		
5	312-04171-011	.MANGUEIRA..... HOSE.....	S4956	1		
6	PE27020-1R	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	2		
7	312-10358-001	.TUBO CONJ..... TUBE ASSY.....	S4956	1		
8	PE27019RI6	.BRACADEIRA..... CLAMPTION 45GRAUS.....	S4956	1		
9	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	1		
10	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
11	MS27039C1-08	.PARAFUSO (PF)..... SCREW (AP).....	96906	1		
12	MS35489-11	.ILHOS BOR NBR..... GROMMET RUBBER.....	96906	1		
13	312-04171-009	.MANGUEIRA..... HOSE.....	S4956	1		
14	PE27020-1R	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	2		
15	312-04352-001	.TUBO CONJ..... TUBE, ASSY.....	S4956	1		
16	PE27019RI6	.BRACADEIRA..... CLAMPTION 45GRAUS.....	S4956	1		
17	MS27039C1-08	.PARAFUSO (PF)..... SCREW (AP).....	96906	1		
18	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	1		
19	312-04171-007	.MANGUEIRA..... HOSE.....	S4956	1		
20	PE27020-1R	.BRACADEIRA (PF)..... CLAMP (AP).....	S4956	2		
21	MS21919WDG10	.BRACADEIRA..... CLAMP.....	96906	2		
22	MS21042L3	.PORCA (PF)..... NUT (AP).....	96906	2		
23	AN960-10L	.ARRUELA (PF)..... WASHER, FLAT (AP).....	88044	2		
24	AN3-4A	.PINO ROSCADO (PF)..... BOLT (AP).....	88044	2		

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